

V. Balasubramanian

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TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT
NEWS 33 Nov 25 More calculated properties added to REGISTRY
NEWS 34 Dec 02 TIBKAT will be removed from STN
NEWS 35 Dec 04 CSA files on STN
NEWS 36 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 37 Dec 17 TOXCENTER enhanced with additional content
NEWS 38 Dec 17 Adis Clinical Trials Insight now available on STN

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:00:45 ON 29 DEC 2002

=> file reg'

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:00:53 ON 29 DEC 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

DICTIONARY FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\09270006RCE8.str

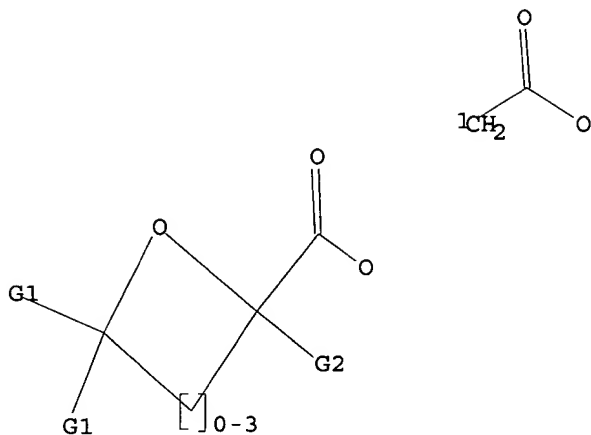
L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

09/270,006


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=> d l1
L1 HAS NO ANSWERS
L1 STR
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G1 H, Ak, OH, MeO
G2 H, OH, MeO, Ak, [@1]

Structure attributes must be viewed using STN Express query preparation.

```
=> s ll sss sam
SAMPLE SEARCH INITIATED 11:01:18 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 19030 TO ITERATE
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```

5.3% PROCESSED      1000 ITERATIONS                                50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

```

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FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:   372358 TO   388842
PROJECTED ANSWERS:      26644 TO    31206

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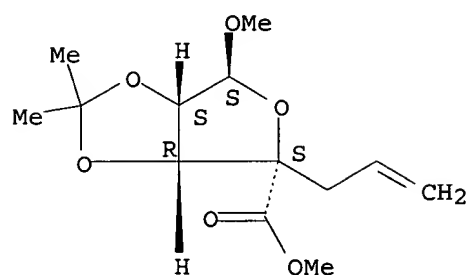
L3 50 SEA SSS SAM L1

=> d scan

```
L3 50 ANSWERS   REGISTRY   COPYRIGHT 2002 ACS
IN  .alpha.-D-Lyxofuranosiduronic acid, methyl 2,3-O-(1-methylethylidene)-4-C-
MF 2-propenyl-, methyl ester (9CI)
C13 H20 O6
```

Absolute stereochemistry. Rotation (-).

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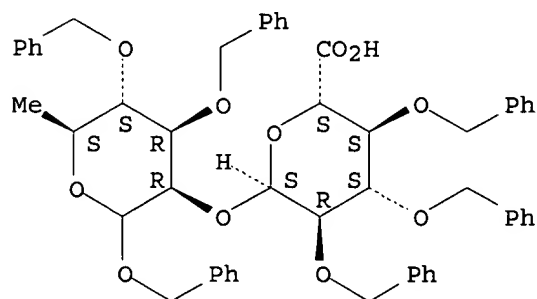


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):49

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN L-Mannopyranoside, phenylmethyl 6-deoxy-3,4-bis-O-(phenylmethyl)-2-O-
[2,3,4-tris-O-(phenylmethyl)-.alpha.-D-glucopyranuronosyl]- (9CI)
MF C54 H56 O11

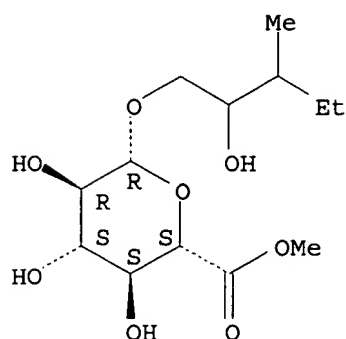
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN .beta.-D-Glucosiduronic acid, 2-hydroxy-3-methylpentyl, methyl ester (6CI)
MF C13 H24 O8

Absolute stereochemistry.

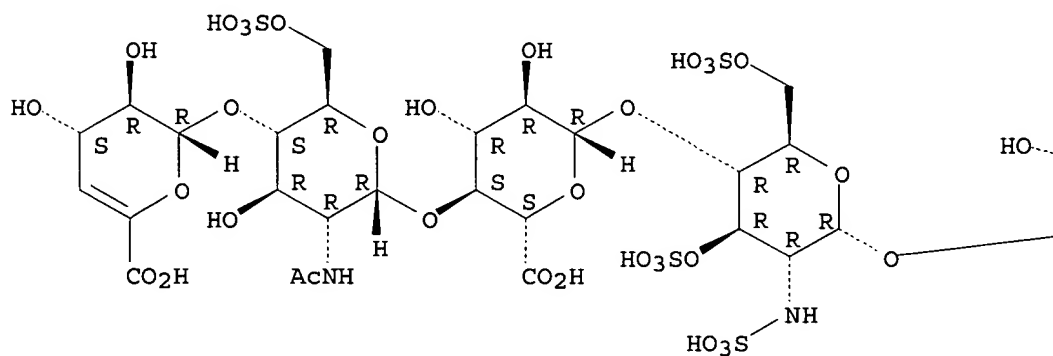


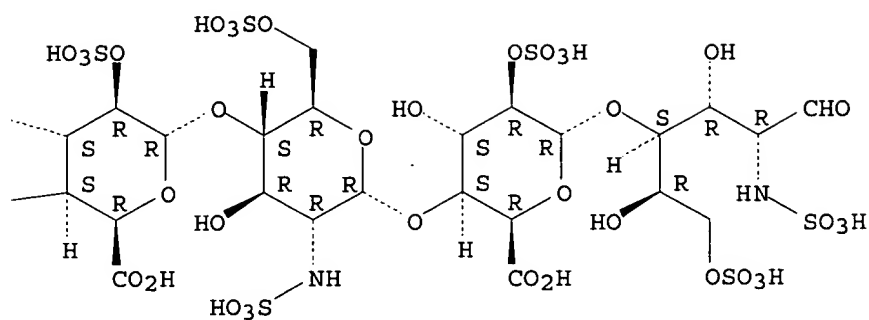
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN D-Glucose, O-4-deoxy-.alpha.-L-threo-hex-4-enopyranuronosyl-(1.fwdarw.4)-O-
 2-deoxy-6-O-sulfo-2-(sulfoamino)-.alpha.-D-glucopyranosyl-(1.fwdarw.4)-O-
 .beta.-D-glucopyranuronosyl-(1.fwdarw.4)-O-2-deoxy-3,6-di-O-sulfo-2-
 (sulfoamino)-.alpha.-D-glucopyranosyl-(1.fwdarw.4)-O-2-O-sulfo-.alpha.-L-
 idopyranuronosyl-(1.fwdarw.4)-O-2-deoxy-6-O-sulfo-2-(sulfoamino)-.alpha.-D-
 glucopyranosyl-(1.fwdarw.4)-O-2-O-sulfo-.alpha.-L-idopyranuronosyl-
 (1.fwdarw.4)-2-deoxy-2-(sulfoamino)-, 6-(hydrogen sulfate) (9CI)
 MF C50 H78 N4 O71 S10

Absolute stereochemistry.

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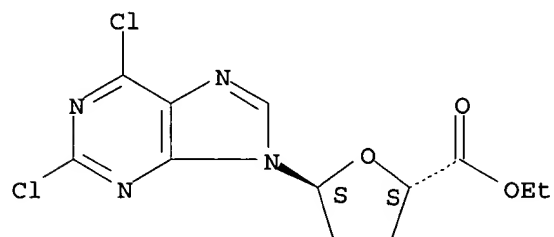




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 2-Furancarboxylic acid, 5-(2,6-dichloro-9H-purin-9-yl)tetrahydro-, ethyl
 ester, (2S-trans)- (9CI)
 MF C12 H12 Cl2 N4 O3

Absolute stereochemistry.

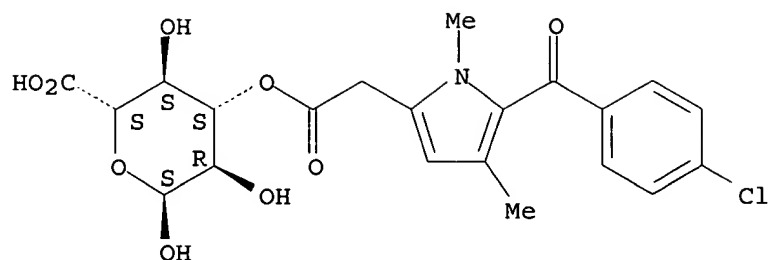


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .alpha.-D-Glucopyranuronic acid, 3-[5-(4-chlorobenzoyl)-1,4-dimethyl-1H-
 pyrrole-2-acetate] (9CI)
 MF C21 H22 Cl N O9

Absolute stereochemistry.

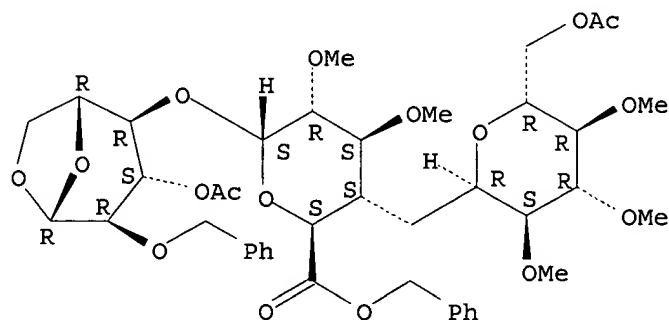
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .beta.-D-Glucopyranose, C-6-O-acetyl-2,3,4-tri-O-methyl-.alpha.-D-glucopyranosylmethylene-(1.fwdarw.4)-O-4-deoxy-2,3-di-O-methyl-6-(phenylmethyl)-.alpha.-D-glucopyranuronosyl-(1.fwdarw.4)-1,6-anhydro-2-O-(phenylmethyl)-, acetate (9CI)
 MF C42 H56 O17

Absolute stereochemistry. Rotation (+).

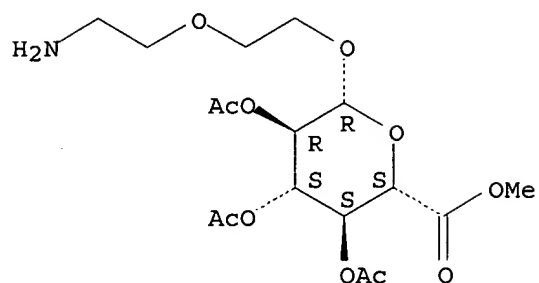


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .beta.-D-Glucopyranosiduronic acid, 2-(2-aminoethoxy)ethyl, methyl ester, 2,3,4-triacetate (9CI)
 MF C17 H27 N O11

Absolute stereochemistry.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

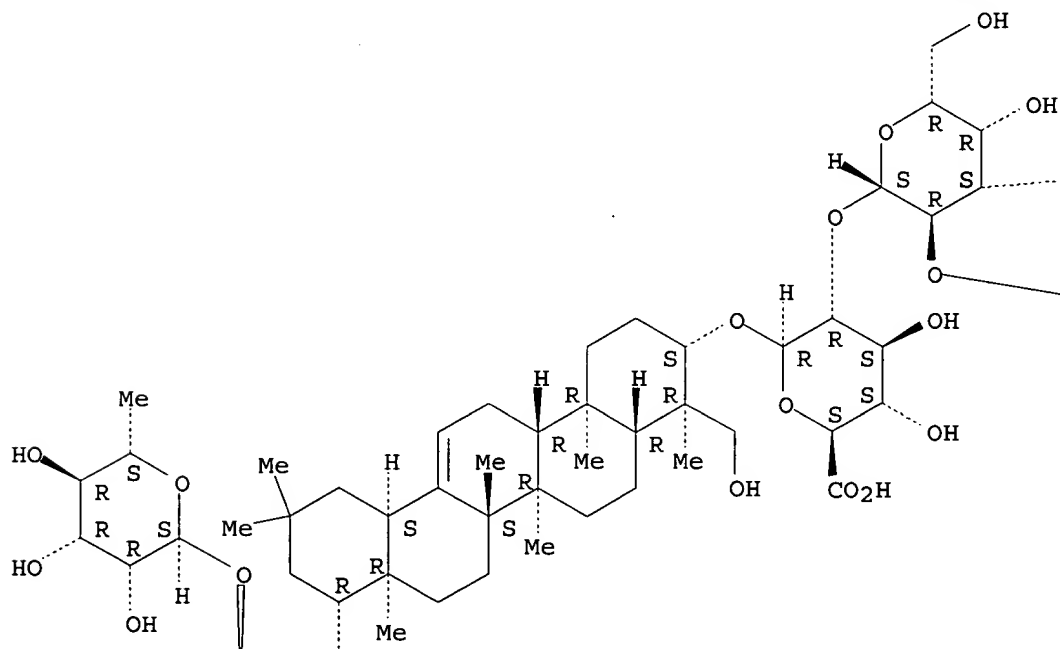
L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS

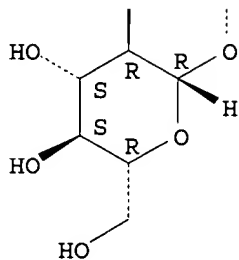
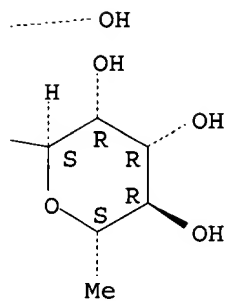
IN .beta.-D-Glucopyranosiduronic acid, (3.beta.,4.alpha.,22.beta.)-22-[[2-O-(6-deoxy-.alpha.-L-mannopyranosyl)-.beta.-D-glucopyranosyl]oxy]-23-hydroxyolean-12-en-3-yl O-6-deoxy-.alpha.-L-mannopyranosyl-(1.fwdarw.2)-O-.beta.-D-galactopyranosyl-(1.fwdarw.2)- (9CI)

MF C60 H98 O27

Absolute stereochemistry.

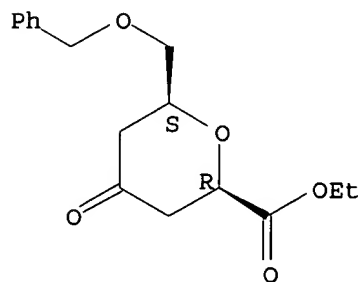
PAGE 1-A





L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 2H-Pyran-2-carboxylic acid, tetrahydro-4-oxo-6-[(phenylmethoxy)methyl]-,
 ethyl ester, (2R,6S)- (9CI)
 MF C16 H20 O5

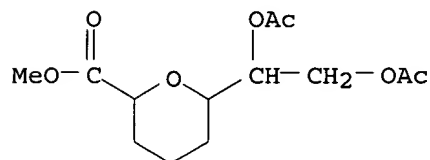
Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-lyxo-Octonic acid, 2,6-anhydro-3,4,5-trideoxy-, methyl ester, diacetate
(9CI)
MF C13 H20 O7

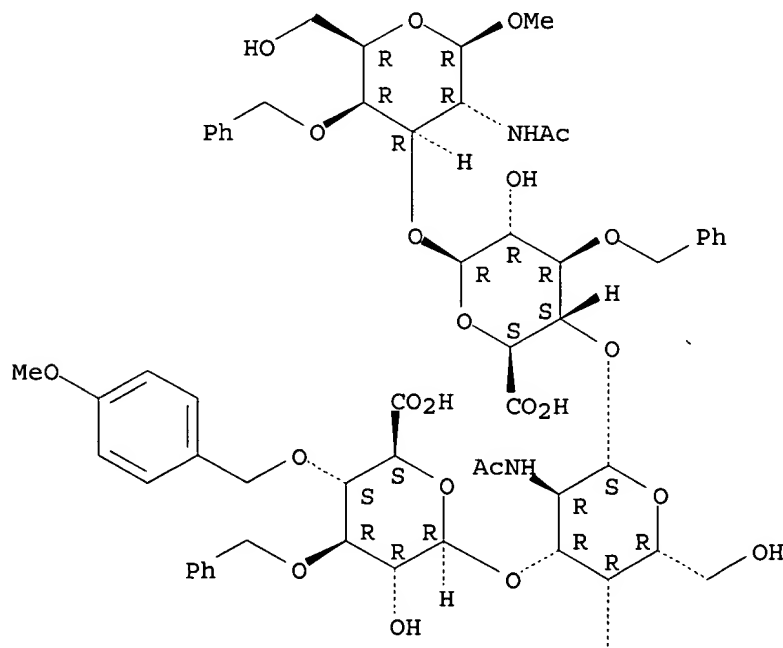


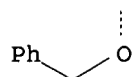
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN .beta.-D-Galactopyranoside, methyl O-4-O-[(4-methoxyphenyl)methyl]-3-O-(phenylmethyl)-.beta.-D-glucopyranuronosyl-(1.fwdarw.3)-O-2-(acetylamino)-2-deoxy-4-O-(phenylmethyl)-.beta.-D-galactopyranosyl-(1.fwdarw.4)-O-3-O-(phenylmethyl)-.beta.-D-glucopyranuronosyl-(1.fwdarw.3)-2-(acetylamino)-2-deoxy-4-O-(phenylmethyl)- (9CI)
MF C65 H78 N2 O24

Absolute stereochemistry. Rotation (-).

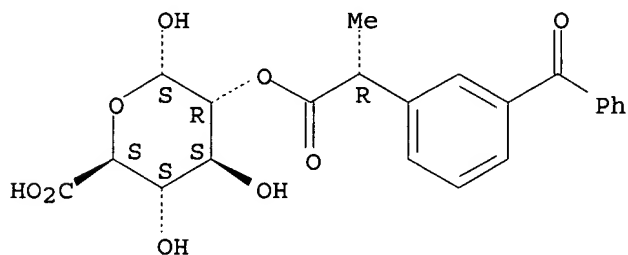
PAGE 1-A





L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .alpha.-D-Glucopyranuronic acid, 2-[(.alpha.R)-3-benzoyl-.alpha.-methylbenzeneacetate] (9CI)
 MF C22 H22 O9

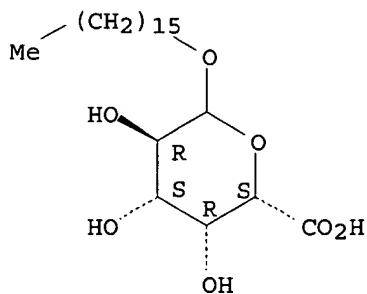
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN D-Galactopyranosiduronic acid, hexadecyl, monosodium salt (9CI)
 MF C22 H42 O7 . Na

Absolute stereochemistry.



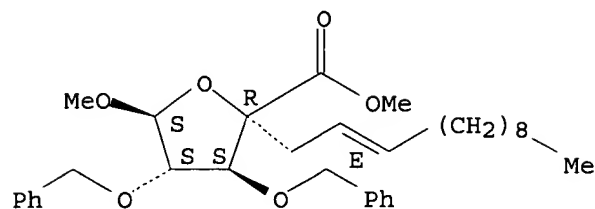
● Na

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .beta.-L-Xylofuranosiduronic acid, methyl 4-C-(2E)-2-dodecenyl-2,3-bis-O-(phenylmethyl)-, methyl ester (9CI)
 MF C33 H46 O6

Absolute stereochemistry. Rotation (+).

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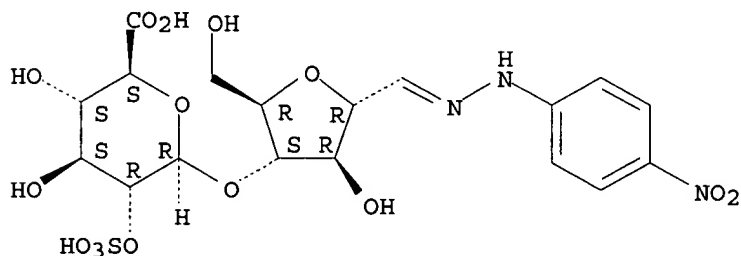
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-Mannose, 2,5-anhydro-4-O-(2-O-sulfo-.beta.-D-glucopyranuronosyl)-,
1-[(4-nitrophenyl)hydrazone] (9CI)
MF C18 H23 N3 O15 S

Absolute stereochemistry.
Double bond geometry unknown.

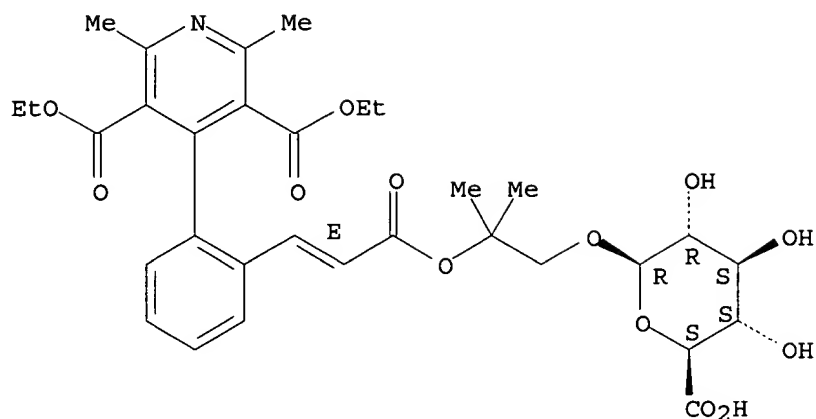


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 3,5-Pyridinedicarboxylic acid, 4-[2-[3-[2-(.beta.-D-glucopyranuronosyloxy)-
1,1-dimethylethoxy]-3-oxo-1-propenyl]phenyl]-2,6-dimethyl-, 3,5-diethyl
ester, (E)- (9CI)
MF C32 H39 N O13

Absolute stereochemistry.
Double bond geometry as shown.

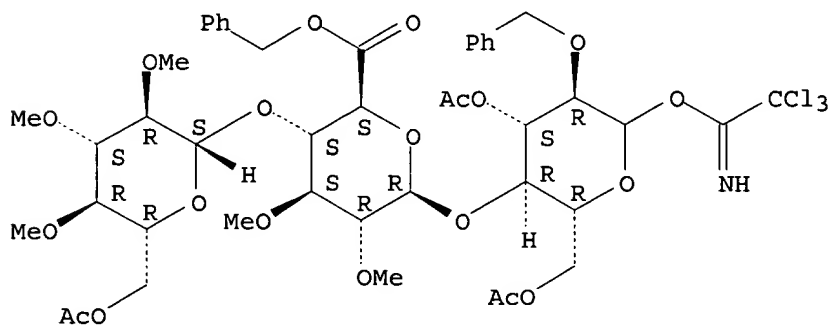
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN D-Glucopyranose, O-6-O-acetyl-2,3,4-tri-O-methyl-.beta.-D-glucopyranosyl-
 (1.fwdarw.4)-O-2,3-di-O-methyl-6-(phenylmethyl)-.beta.-D-
 glucopyranuronosyl-(1.fwdarw.4)-2-O-(phenylmethyl)-, 3,6-diacetate
 1-(2,2,2-trichloroethanimidate) (9CI)
 MF C45 H58 Cl3 N O20

Absolute stereochemistry.

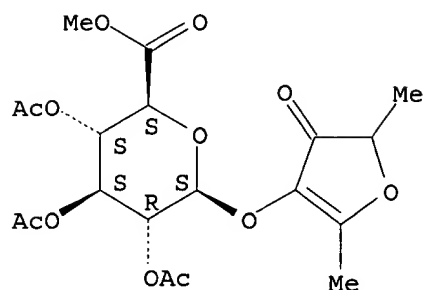


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .beta.-D-Glucopyranosiduronic acid, 4,5-dihydro-2,5-dimethyl-4-oxo-3-
 furanyl, methyl ester, triacetate (9CI)
 MF C19 H24 O12

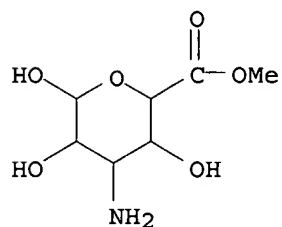
Absolute stereochemistry.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

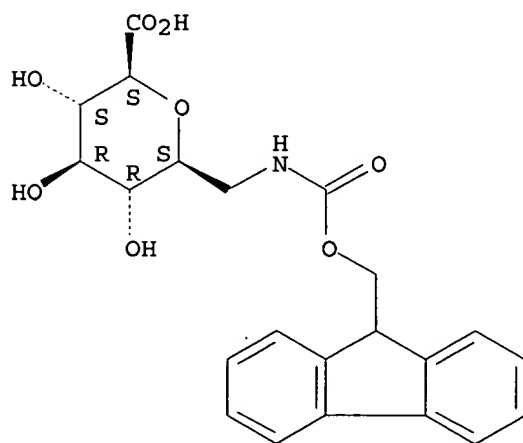
L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .beta.-D-Allopyranuronic acid, 3-amino-3-deoxy-, methyl ester (9CI)
 MF C7 H13 N O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN L-glycero-L-gulo-Heptonic acid, 2,6-anhydro-7-deoxy-7-[[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]- (9CI)
 MF C22 H23 N O8

Absolute stereochemistry.

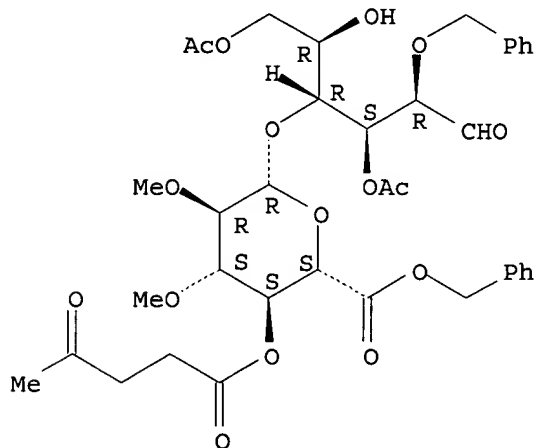


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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-Glucose, 4-O-[4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-6-(phenylmethyl)-
.beta.-D-glucopyranuronosyl]-2-O-(phenylmethyl)-, 3,6-diacetate (9CI)
MF C37 H46 O16

Absolute stereochemistry.

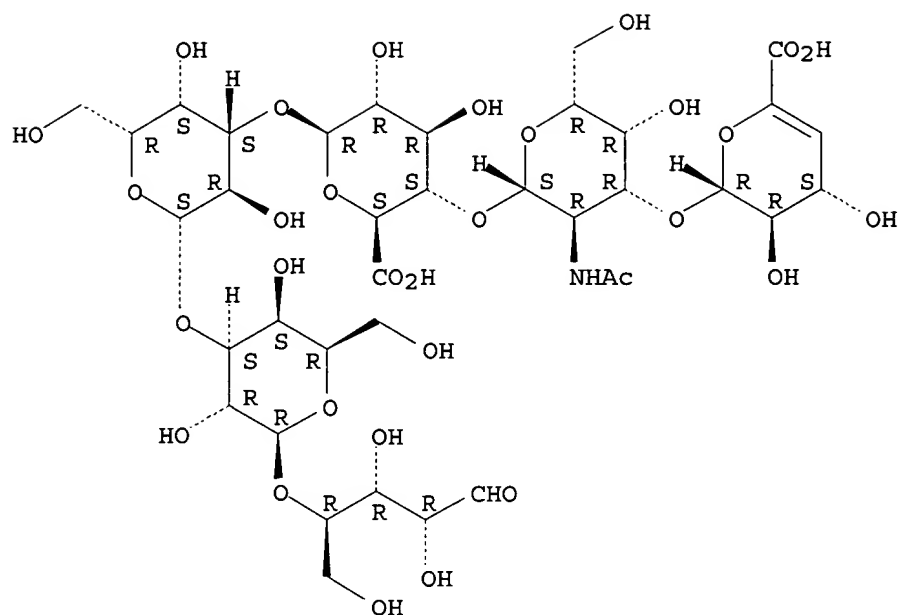


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

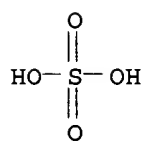
L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-Xylose, O-4-deoxy-.alpha.-L-threo-hex-4-enopyranuronosyl-(1.fwdarw.3)-O-
2-(acetylamino)-2-deoxy-O-sulfo-.beta.-D-galactopyranosyl-(1.fwdarw.4)-O-
.beta.-D-glucopyranuronosyl-(1.fwdarw.3)-O-.beta.-D-galactopyranosyl-
(1.fwdarw.3)-O-.beta.-D-galactopyranosyl-(1.fwdarw.4)-, 2(or
3)-(dihydrogen phosphate) (9CI)
MF C37 H58 N O37 P S
CI IDS

CM 1

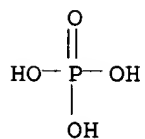
Absolute stereochemistry.



CM 2



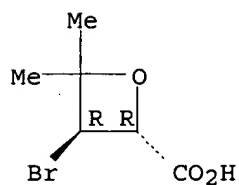
CM 3



L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 2-Oxetanecarboxylic acid, 3-bromo-4,4-dimethyl-, (2R,3R)-rel- (9CI)
 MF C6 H9 Br O3

Relative stereochemistry.

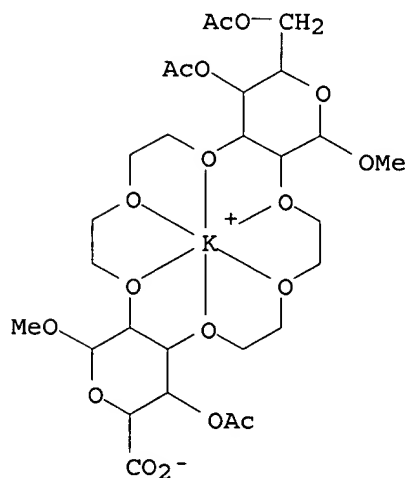
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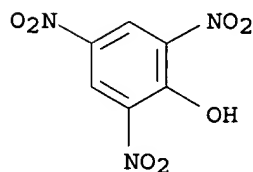
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN Potassium, [[methyl 2,3-O-[(4,6-di-O-acetyl-1-O-methyl-.alpha.-D-glucopyranose-2,3-di-O-yl-.kappa.O2,.kappa.O3)bis[2,1-ethanediyl(oxy-.kappa.O)-2,1-ethanediyl]]-.alpha.-D-glucopyranosiduronic acid-.kappa.O2,.kappa.O3] acetato]-, compd. with 2,4,6-trinitrophenol (1:1) (9CI)
 MF C28 H43 K O18 . C6 H3 N3 O7

CM 1



CM 2



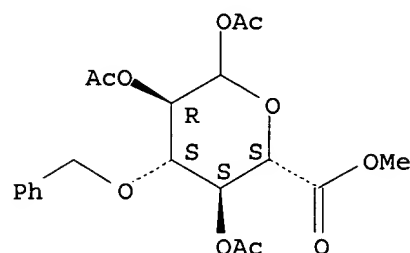
L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN D-Glucopyranuronic acid, 3-O-(phenylmethyl)-, methyl ester, triacetate (9CI)

09/270,006

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MF C20 H24 O10

Absolute stereochemistry.



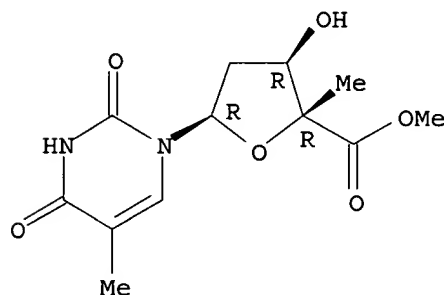
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN .alpha.-L-erythro-Pentofuranuronic acid, 1,2-dideoxy-1-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-4-C-methyl-, methyl ester (9CI)

MF C12 H16 N2 O6

Absolute stereochemistry.



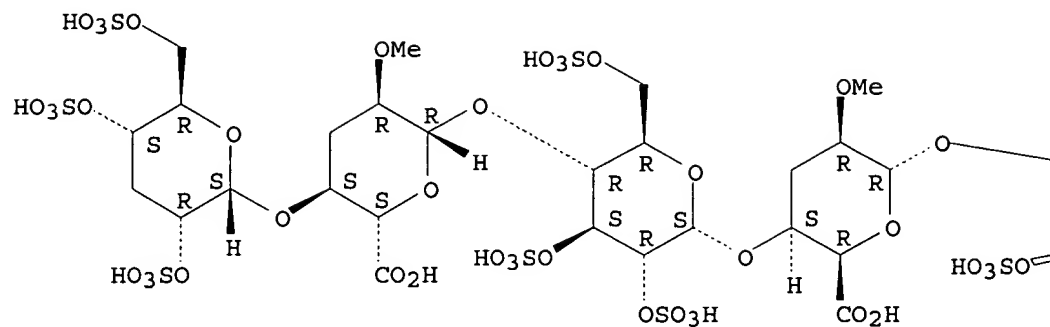
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS

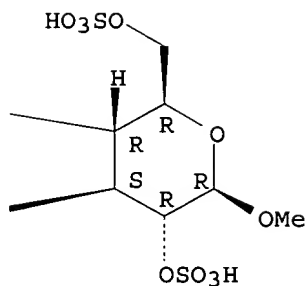
IN .beta.-D-Glucopyranoside, methyl O-3-deoxy-2,4,6-tri-O-sulfo-.alpha.-D-ribo-hexopyranosyl-(1.fwdarw.4)-O-3-deoxy-2-O-methyl-.beta.-D-ribo-hexopyranuronosyl-(1.fwdarw.4)-O-2,3,6-tri-O-sulfo-.alpha.-D-glucopyranosyl-(1.fwdarw.4)-O-3-deoxy-2-O-methyl-.alpha.-L-lyxo-hexopyranuronosyl-(1.fwdarw.4)-, tris(hydrogen sulfate), nonasodium salt (9CI)

MF C33 H54 O52 S9 . 9 Na

Absolute stereochemistry.

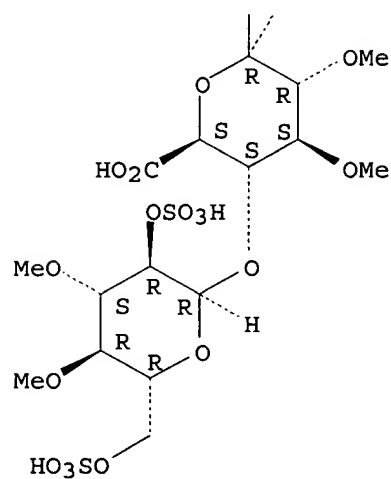
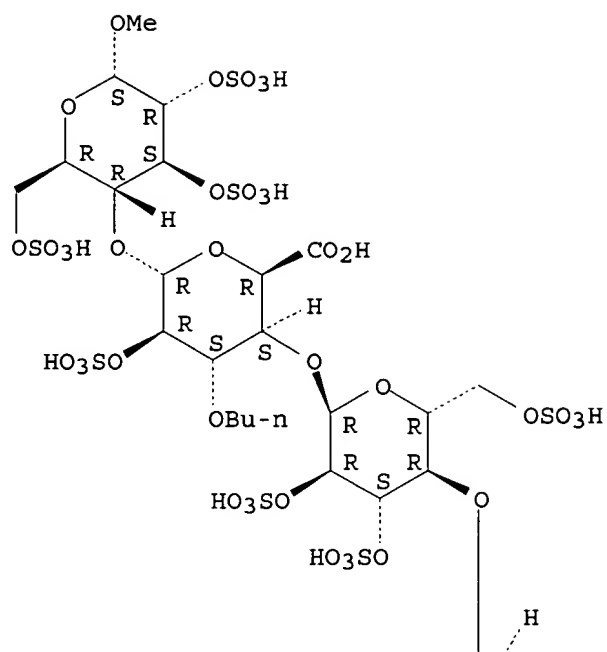


● 9 Na



L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .alpha.-D-Glucopyranoside, methyl O-3,4-di-O-methyl-2,6-di-O-sulfo-.alpha.-
 D-glucopyranosyl-(1.fwdarw.4)-O-2,3-di-O-methyl-.beta.-D-
 glucopyranuronosyl-(1.fwdarw.4)-O-2,3,6-tri-O-sulfo-.alpha.-D-
 glucopyranosyl-(1.fwdarw.4)-O-3-O-butyl-2-O-sulfo-.alpha.-L-
 idopyranuronosyl-(1.fwdarw.4)-, tris(hydrogen sulfate), undecasodium salt
 (9CI)
 MF C39 H66 O55 S9 . 11 Na

Absolute stereochemistry. Rotation (+).



● 11 Na

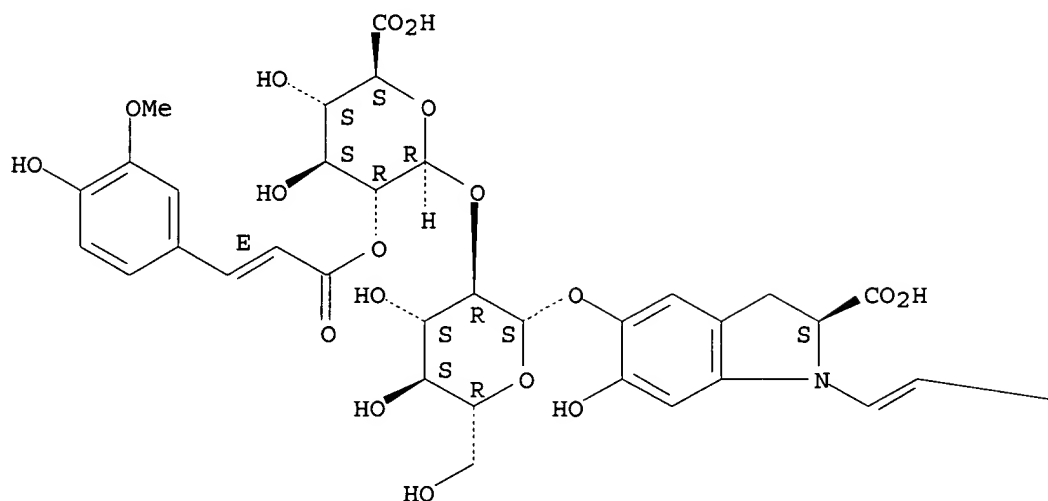
L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,6-Pyridinedicarboxylic acid, 4-[2-[(2S)-2-carboxy-2,3-dihydro-6-hydroxy-5-[[2-O-[2-O-[(2E)-3-(4-hydroxy-3-methoxyphenyl)-1-oxo-2-propenyl]-.beta.-D-glucopyranuronosyl]-.beta.-D-glucopyranosyl]oxy]-1H-indol-1-yl]ethenyl]-

V. Balasubramanian

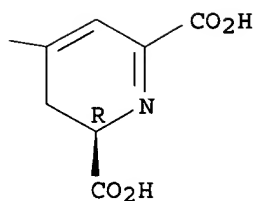
2,3-dihydro-, (2R)- (9CI)
MF C40 H42 N2 O22

Absolute stereochemistry.
Double bond geometry as described by E or Z.
Currently available stereo shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN .beta.-D-Glucopyranosiduronic acid, (3.beta.,22.beta.)-22-(acetyloxy)olean-

09/270,006

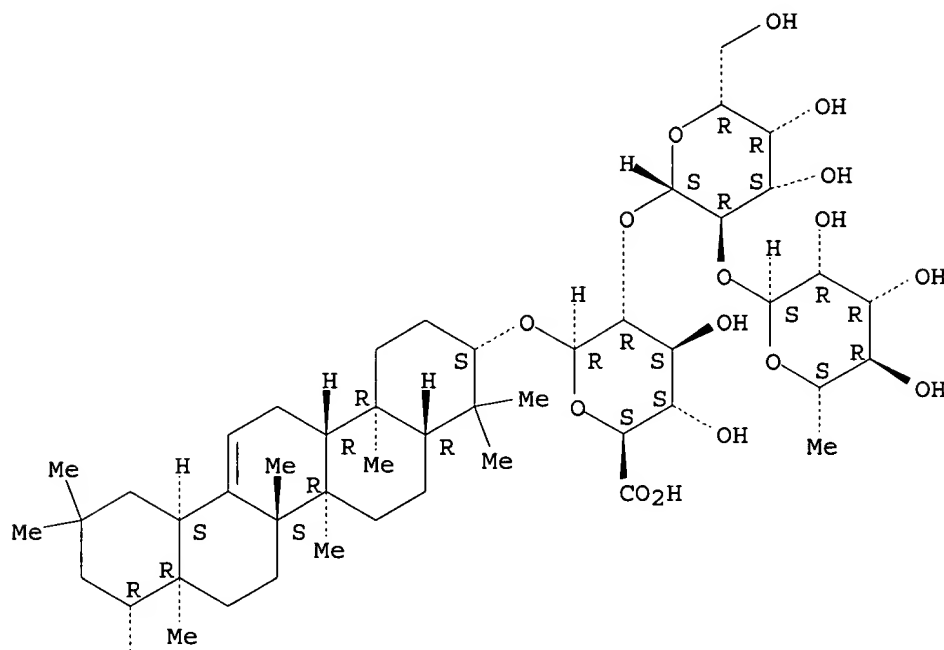
V. Balasubramanian

12-en-3-yl O-6-deoxy-.alpha.-L-mannopyranosyl-(1.fwdarw.2)-O-.beta.-D-galactopyranosyl-(1.fwdarw.2)- (9CI)

MF C50 H80 O18

Absolute stereochemistry. Rotation (+).

PAGE 1-A



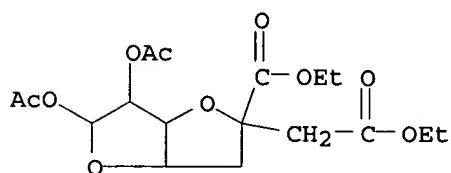
PAGE 2-A

AcO

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN .beta.-L-manno-Octofuranuronic acid, 3,6-anhydro-5,7-dideoxy-6-C-(ethoxycarbonyl)-, ethyl ester, diacetate (9CI)

MF C17 H24 O10



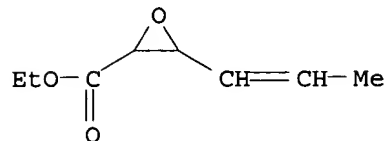
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS

09/270,006

V. Balasubramanian

IN Oxiranecarboxylic acid, 3-(1-propenyl)-, ethyl ester (9CI)
MF C8 H12 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

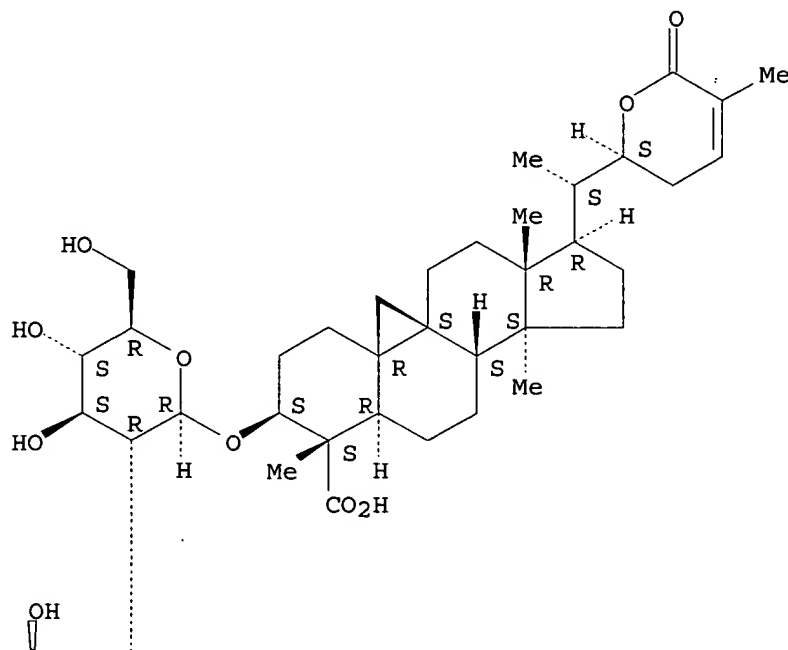
L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS

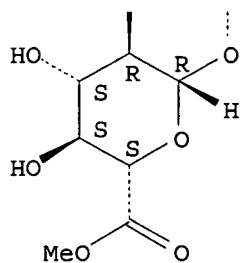
9, 19-B-Cyclolanost-24-ene-26, 28-dioic acid, 22-hydroxy-3-[[2-O-(6-methyl-.beta.-D-glucopyranuronosyl)-.beta.-D-glucopyranosyl]oxy]-, .delta.-lactone, (3.beta., 4.alpha., 22S)- (9CI)

MF C43 H64 O16

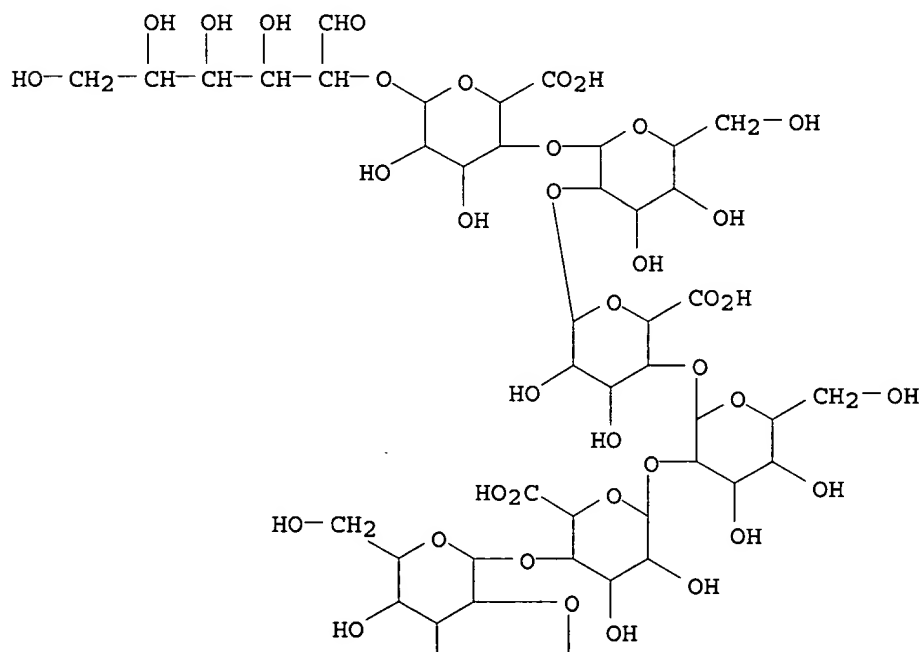
Absolute stereochemistry.

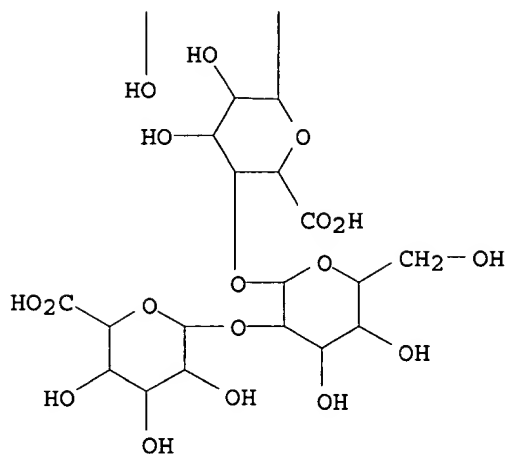
PAGE 1-A





L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN D-Mannose, O-.beta.-D-glucopyranuronosyl-(1.fwdarw.2)-O-.alpha.-D-mannopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranuronosyl-(1.fwdarw.2)-O-.alpha.-D-mannopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranuronosyl-(1.fwdarw.2)-O-.alpha.-D-mannopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranuronosyl-(1.fwdarw.2)-O-.alpha.-D-mannopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranuronosyl-(1.fwdarw.2)- (9CI)
 MF C60 H92 O56

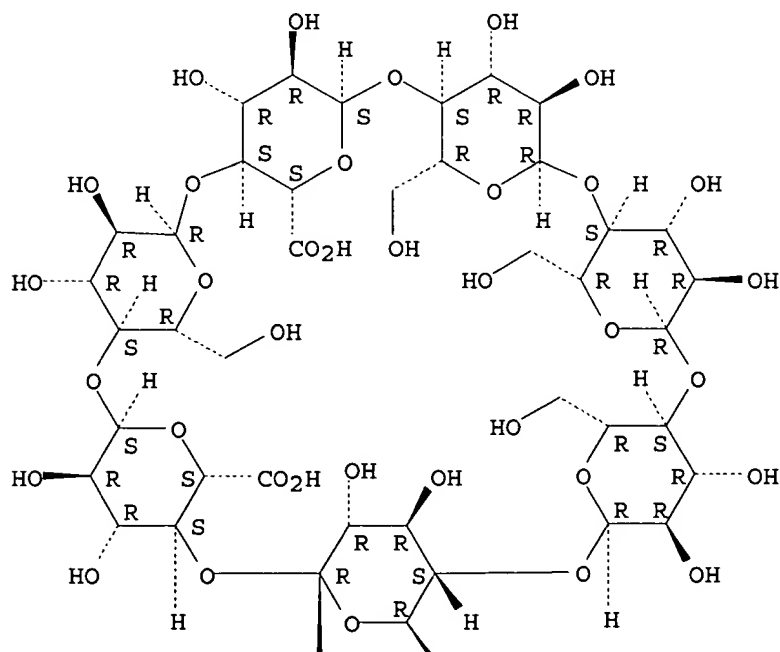




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

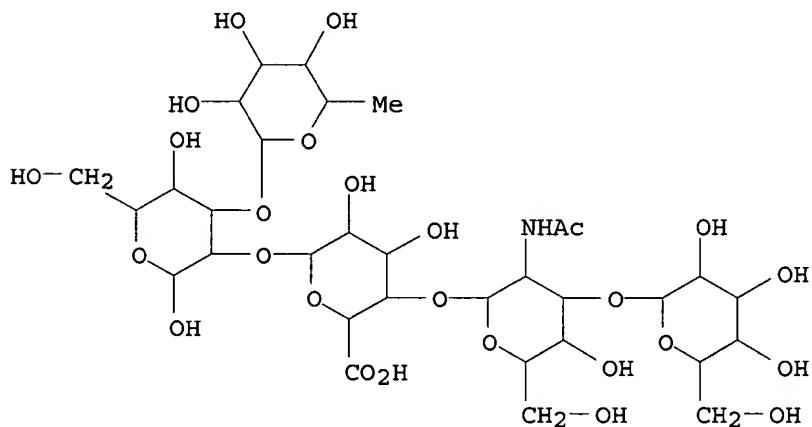
L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .beta.-Cyclodextrin, 5A,5C-dicarboxy-5A,5C-bis[de(hydroxymethyl)]-,
 disodium salt (9CI)
 MF C42 H66 O37 . 2 Na

Absolute stereochemistry.





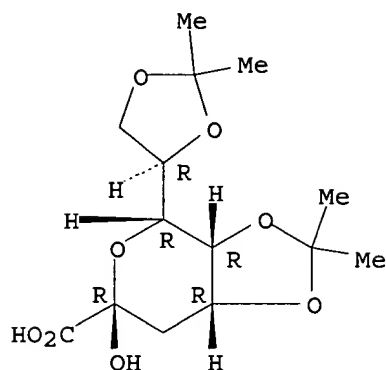
L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .alpha.-D-Mannopyranose, O-6-deoxy-.alpha.-L-mannopyranosyl-(1.fwdarw.3)-O-[O-.beta.-D-galactopyranosyl-(1.fwdarw.3)-O-2-(acetylamino)-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-.beta.-D-glucopyranuronosyl-(1.fwdarw.2)]-(9CI)
 MF C32 H53 N O26
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .alpha.-D-manno-2-Octulopyranosonic acid, 3-deoxy-4,5:7,8-bis-O-(1-methylethylidene)- (9CI)
 MF C14 H22 O8

Absolute stereochemistry.

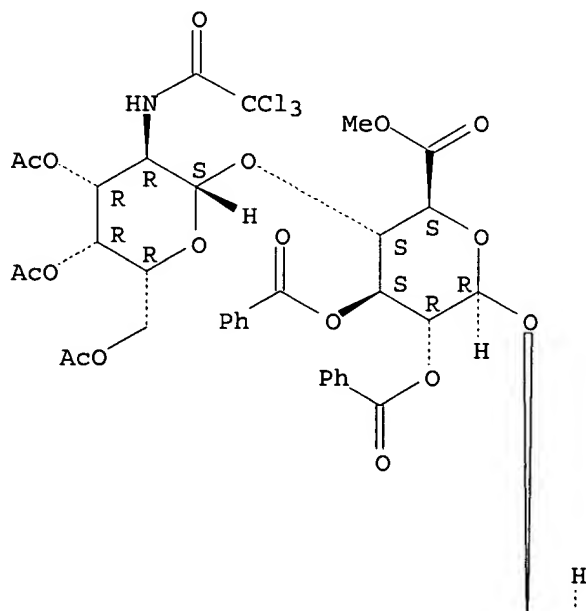


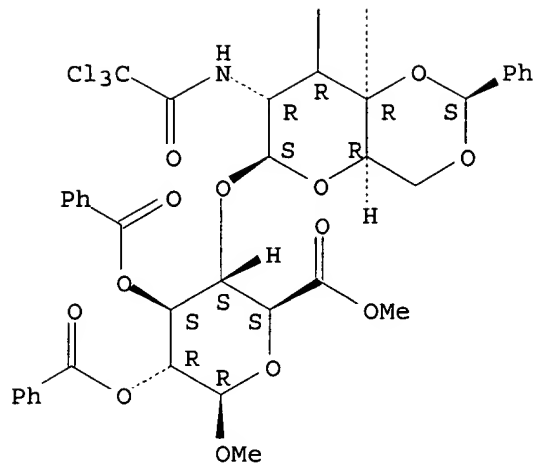
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .beta.-D-Glucopyranosiduronic acid, methyl O-3,4,6-tri-O-acetyl-2-deoxy-2-
 [(trichloroacetyl)amino]-.beta.-D-galactopyranosyl-(1.fwdarw.4)-O-2,3-di-O-
 benzoyl-6-methyl-.beta.-D-glucopyranuronosyl-(1.fwdarw.3)-O-2-deoxy-4,6-O-
 [(S)-phenylmethylene]-2-[(trichloroacetyl)amino]-.beta.-D-galactopyranosyl-
 (1.fwdarw.4)-, methyl ester, 2,3-dibenzoate (9CI)
 MF C72 H70 Cl6 N2 O30

Absolute stereochemistry. Rotation (+).

PAGE 1-A





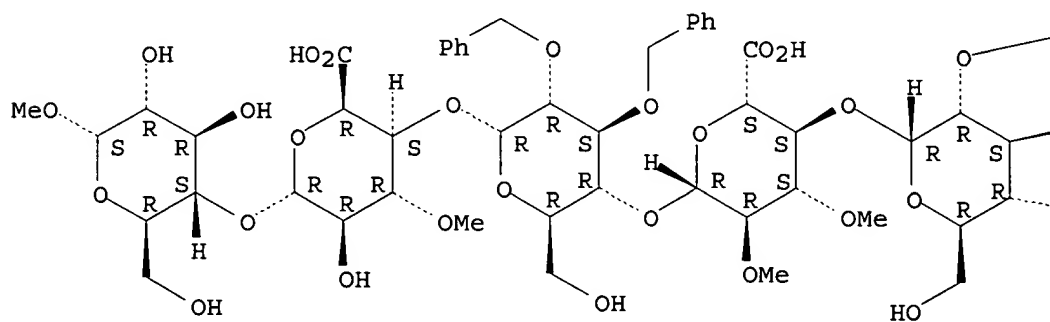
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

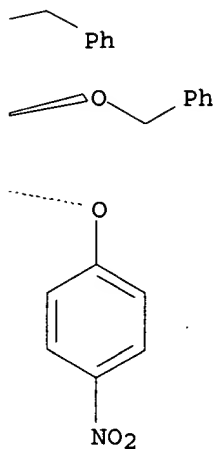
L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN .alpha.-D-Glucopyranoside, methyl O-4-O-(4-nitrophenyl)-2,3-bis-O-(phenylmethyl)-.alpha.-D-glucopyranosyl-(1.fwdarw.4)-O-2,3-di-O-methyl-.beta.-D-glucopyranuronosyl-(1.fwdarw.4)-O-2,3-bis-O-(phenylmethyl)-.alpha.-D-glucopyranosyl-(1.fwdarw.4)-O-3-O-methyl-.alpha.-L-idopyranuronosyl-(1.fwdarw.4)- (9CI)

MF C68 H83 N O30

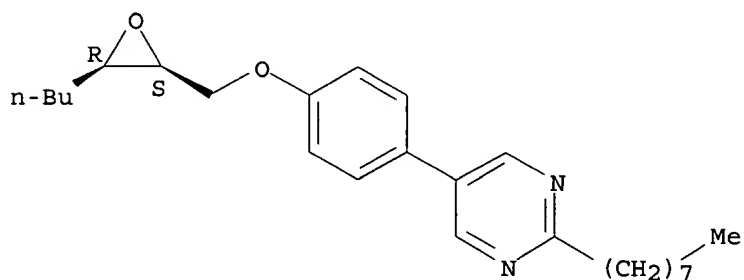
Absolute stereochemistry.





L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-propyl-, 4-[2-(octyloxy)-5-pyrimidinyl]phenyl
ester, (2R-cis)-, mixt. with 2-(4-butoxyphenyl)-5-(octyloxy)pyrimidine,
(2S-cis)-5-[4-[(3-butyloxiranyl)methoxy]phenyl]-2-octylpyrimidine,
2-[4-(decyloxy)phenyl]-5-(octyloxy)pyrimidine, trans-4-(2-decyl-5-
pyrimidinyl)phenyl 4-pentylcyclohexanecarboxylate, 2-[4-(hexyloxy)phenyl]-
5-(octyloxy)pyrimidine and 5-(octyloxy)-2-[4-(octyloxy)phenyl]pyrimidine
(9CI)
MF C32 H48 N2 O2 . C28 H44 N2 O2 . C26 H40 N2 O2 . C25 H36 N2 O2 . C24 H36 N2
O2 . C24 H32 N2 O4 . C22 H32 N2 O2
CI MXS
CM 1

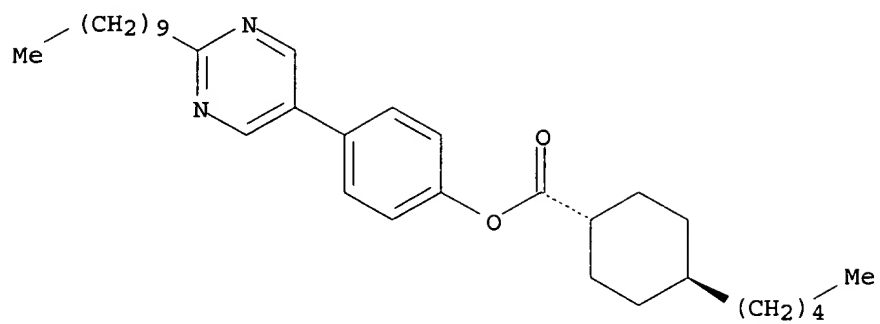
Absolute stereochemistry.



CM 2

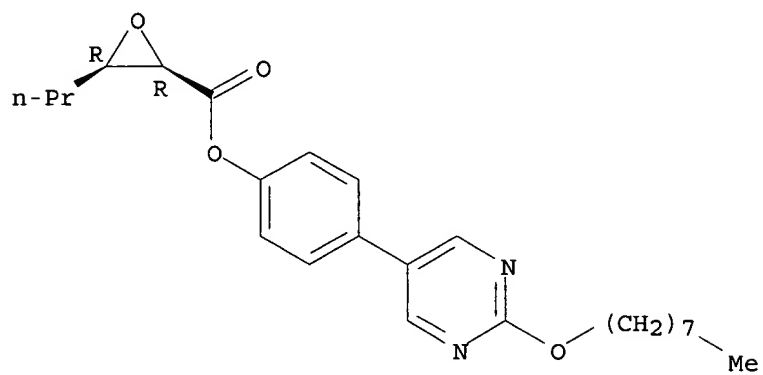
Relative stereochemistry.

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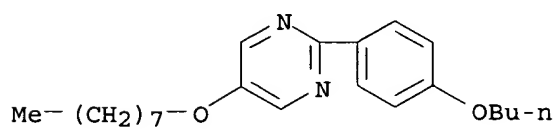


CM 3

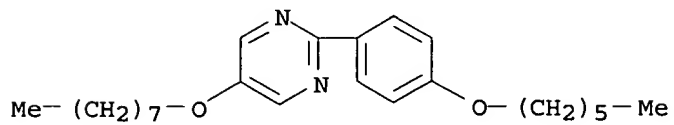
Absolute stereochemistry.



CM 4

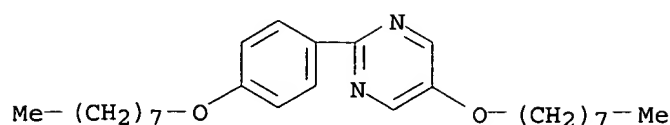


CM 5

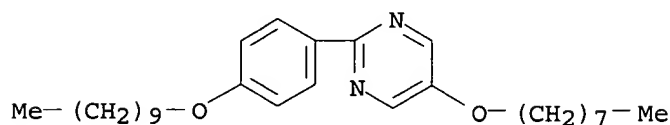


CM 6

V. Balasubramanian

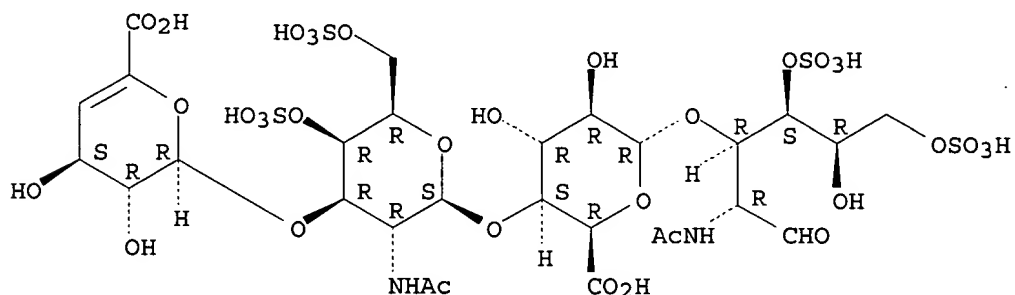


CM 7



L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-Galactose, O-4-deoxy-.alpha.-L-threo-hex-4-enopyranuronosyl-(1.fwdarw.3)-
O-2-(acetylamino)-2-deoxy-4,6-di-O-sulfo-.beta.-D-galactopyranosyl-
(1.fwdarw.4)-O-.alpha.-L-idopyranuronosyl-(1.fwdarw.3)-2-(acetylamino)-2-
deoxy-, 4,6-bis(hydrogen sulfate) (9CI)
MF C28 H42 N2 O34 S4

Absolute stereochemistry.

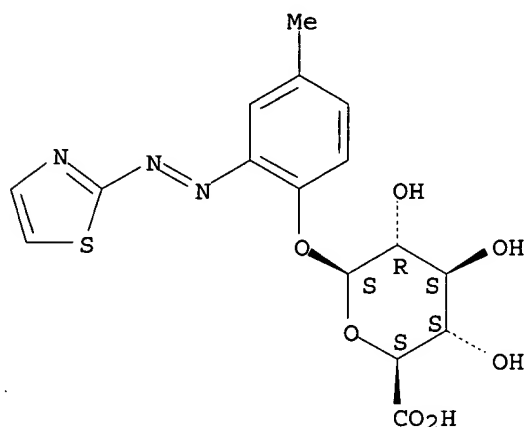


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN .beta.-D-Glucopyranosiduronic acid, 4-methyl-2-(2-thiazolylazo)phenyl,
monosodium salt (9CI)
MF C16 H17 N3 O7 S . Na

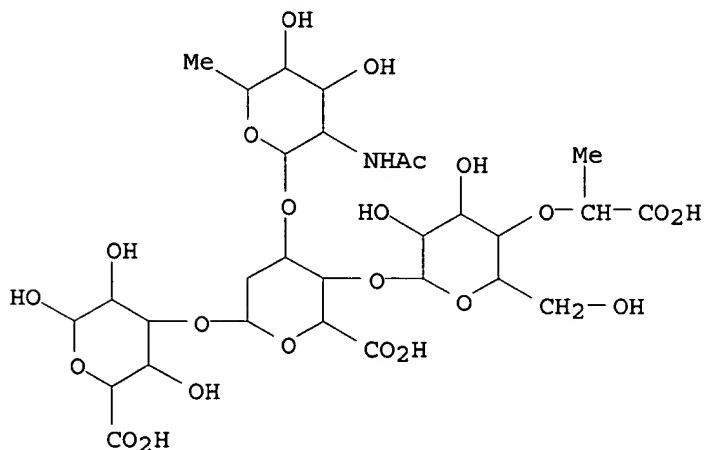
Absolute stereochemistry.
Double bond geometry unknown.

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● Na

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .alpha.-L-Altropyranuronic acid, O-2-(acetylamino)-2,6-dideoxy-.beta.-D-glucopyranosyl-(1.fwdarw.3)-O-[4-O-(1-carboxyethyl)-.beta.-D-glucopyranosyl-(1.fwdarw.4)]-O-2-deoxy-.beta.-D-arabino-hexopyranuronosyl-(1.fwdarw.3)-, (S)-(9CI)
 MF C29 H45 N O23

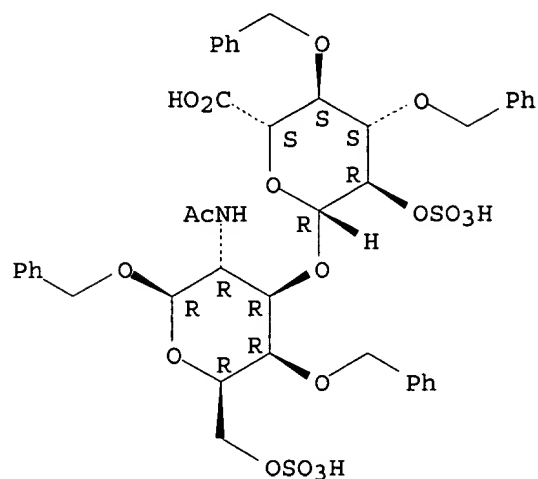


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN .beta.-D-Galactopyranoside, phenylmethyl 2-(acetylamino)-3-O-[3,4-bis-O-(phenylmethyl)-2-O-sulfo-.beta.-D-glucopyranuronosyl]-2-deoxy-4-O-(phenylmethyl)-, 6-(hydrogen sulfate) (9CI)
 MF C42 H47 N O18 S2
 CI COM

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Absolute stereochemistry. Rotation (-).



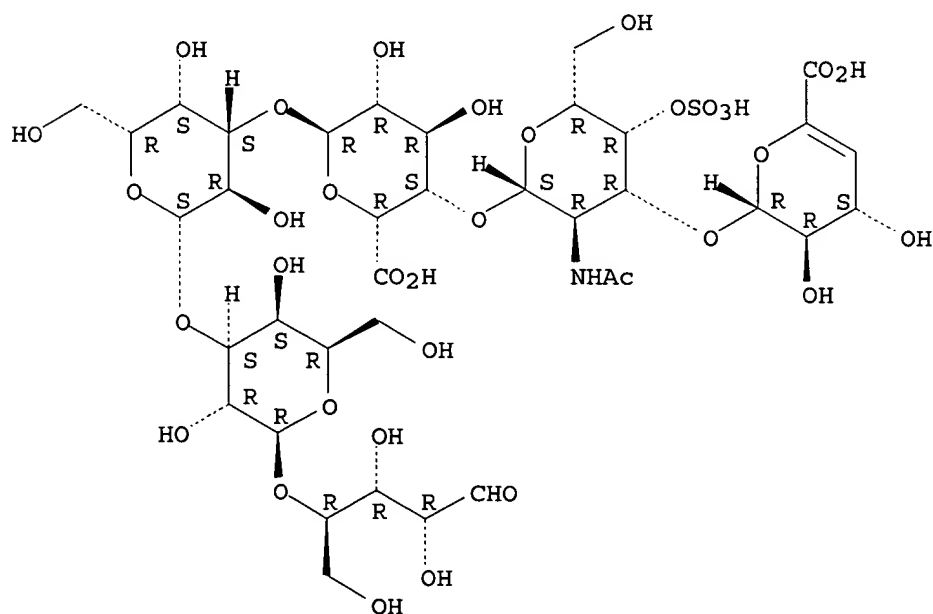
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN D-Xylose, O-4-deoxy-.alpha.-L-threo-hex-4-enopyranuronosyl-(1.fwdarw.3)-O-2-(acetylamino)-2-deoxy-4-O-sulfo-.beta.-D-galactopyranosyl-(1.fwdarw.4)-O-.alpha.-L-idopyranuronosyl-(1.fwdarw.3)-O-.beta.-D-galactopyranosyl-(1.fwdarw.3)-O-.beta.-D-galactopyranosyl-(1.fwdarw.4)- (9CI)

MF C37 H57 N O34 S

Absolute stereochemistry.



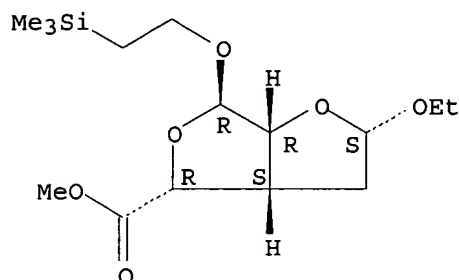
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

09/270,006

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L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Furo[3,4-b]furan-4-carboxylic acid, 2-ethoxyhexahydro-6-[2-(trimethylsilyl)ethoxy]-, methyl ester, [2S-(2.alpha.,3a.beta.,4.alpha.,6.beta.,6a.beta.)]- (9CI)
MF C15 H28 O6 Si

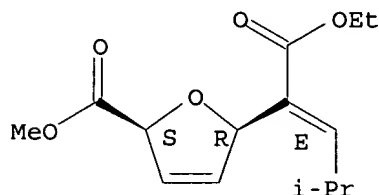
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furanacetic acid, 2,5-dihydro-5-(methoxycarbonyl)-.alpha.-(2-methylpropylidene)-, ethyl ester, (.alpha.E,2R,5S)-rel- (9CI)
MF C14 H20 O5

Relative stereochemistry.
Double bond geometry as shown.

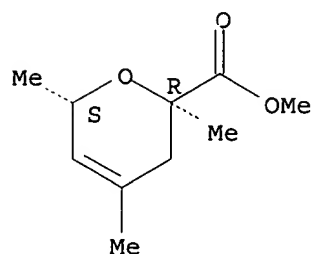


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2H-Pyran-2-carboxylic acid, 3,6-dihydro-2,4,6-trimethyl-, methyl ester, trans- (9CI)
MF C10 H16 O3

Relative stereochemistry.

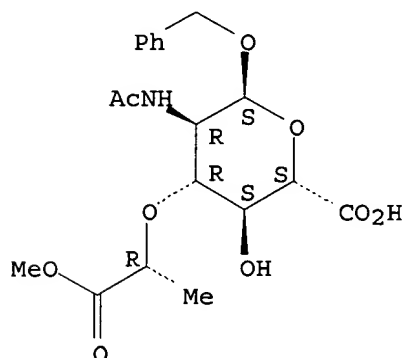
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN .alpha.-D-Glucopyranosiduronic acid, phenylmethyl 2-(acetylamino)-2-deoxy-
3-O-(2-methoxy-1-methyl-2-oxoethyl)-, (R)- (9CI)
MF C19 H25 N O9

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE
ENTRY
0.76

TOTAL
SESSION
0.97

STN INTERNATIONAL LOGOFF AT 11:02:03 ON 29 DEC 2002

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Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
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saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUIDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT
NEWS 33 Nov 25 More calculated properties added to REGISTRY
NEWS 34 Dec 02 TIBKAT will be removed from STN
NEWS 35 Dec 04 CSA files on STN
NEWS 36 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 37 Dec 17 TOXCENTER enhanced with additional content
NEWS 38 Dec 17 Adis Clinical Trials Insight now available on STN

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

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NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 10:32:47 ON 29 DEC 2002

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:33:04 ON 29 DEC 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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STRUCTURE FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8
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TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\STNEXP4\QUERIES\09270006RCE5.str

L1 STRUCTURE UPLOADED

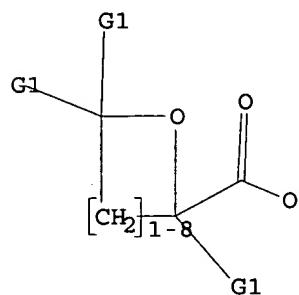
=> que L1

L2 QUE L1

09/270,006

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=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 OH,MeO,H,Cy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 10:33:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 16610 TO ITERATE

6.0% PROCESSED 1000 ITERATIONS 3 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

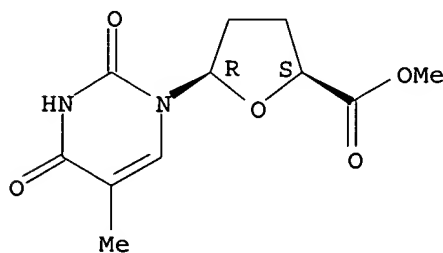
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 324496 TO 339904
PROJECTED ANSWERS: 573 TO 1419

L3 3 SEA SSS SAM L1

=> d scan

L3 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-
pyrimidinyl)tetrahydro-, methyl ester, (2S,5R) - (9CI)
MF C11 H14 N2 O5

Absolute stereochemistry.

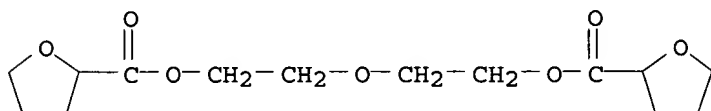


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

V. Balasubramanian

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L3 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, tetrahydro-, oxybis(methyl-2,1-ethanediyl) ester,
undecachloro deriv. (9CI)
MF C16 H15 Cl11 O7
CI IDS

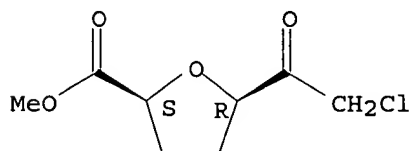


2 (D1-Me)

11 (D1-Cl)

L3 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(chloroacetyl)tetrahydro-, methyl ester,
(2S-cis)- (9CI)
MF C8 H11 Cl O4

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

0.38

TOTAL

SESSION

0.59

STN INTERNATIONAL LOGOFF AT 10:33:54 ON 29 DEC 2002

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	28	Oct 21	EVENTLINE has been reloaded
NEWS	29	Oct 24	BEILSTEIN adds new search fields
NEWS	30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	32	Nov 18	DKILIT has been renamed APOLLIT
NEWS	33	Nov 25	More calculated properties added to REGISTRY
NEWS	34	Dec 02	TIBKAT will be removed from STN
NEWS	35	Dec 04	CSA files on STN
NEWS	36	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	37	Dec 17	TOXCENTER enhanced with additional content
NEWS	38	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS EXPRESS			October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items

V. Balasubramanian

NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:21:22 ON 29 DEC 2002

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:21:33 ON 29 DEC 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8
DICTIONARY FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\STNEXP4\QUERIES\09270006RCE3.str

L1 STRUCTURE UPLOADED

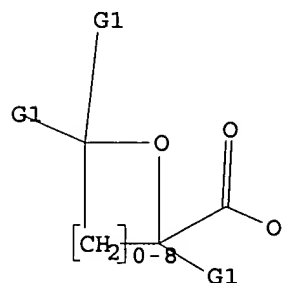
=> que L1

L2 QUE L1

09/270,006

V. Balasubramanian

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 Me,Et,OH,MeO,C,H

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 10:21:55 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 19030 TO ITERATE

5.3% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

11 ANSWERS

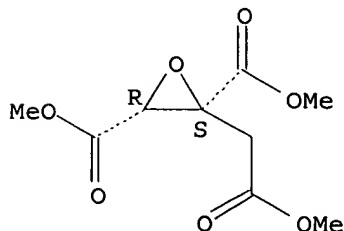
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 372358 TO 388842
PROJECTED ANSWERS: 3318 TO 5054

L3 11 SEA SSS SAM L1

=> d scan

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, 2-(2-methoxy-2-oxoethyl)-, dimethyl ester,
cis- (9CI)
MF C9 H12 O7

Relative stereochemistry.



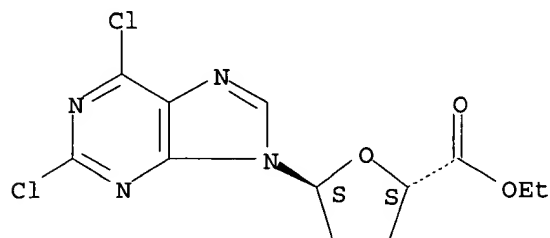
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

V. Balasubramanian

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(2,6-dichloro-9H-purin-9-yl)tetrahydro-, ethyl
ester, (2S-trans)- (9CI)
MF C12 H12 Cl2 N4 O3

Absolute stereochemistry.

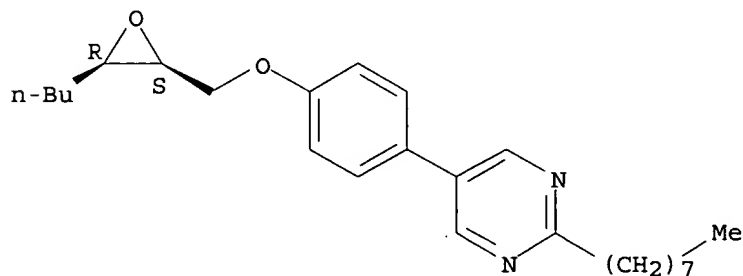


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-propyl-, 4-[2-(octyloxy)-5-pyrimidinyl]phenyl
ester, (2R-cis)-, mixt. with 2-(4-butoxyphenyl)-5-(octyloxy)pyrimidine,
(2S-cis)-5-[4-[(3-butyloxiranyl)methoxy]phenyl]-2-octylpyrimidine,
2-[4-(decyloxy)phenyl]-5-(octyloxy)pyrimidine, trans-4-(2-decyl-5-
pyrimidinyl)phenyl 4-pentylcyclohexanecarboxylate, 2-[4-(hexyloxy)phenyl]-
5-(octyloxy)pyrimidine and 5-(octyloxy)-2-[4-(octyloxy)phenyl]pyrimidine
(9CI)
MF C32 H48 N2 O2 . C28 H44 N2 O2 . C26 H40 N2 O2 . C25 H36 N2 O2 . C24 H36 N2
O2 . C24 H32 N2 O4 . C22 H32 N2 O2
CI MXS

CM 1

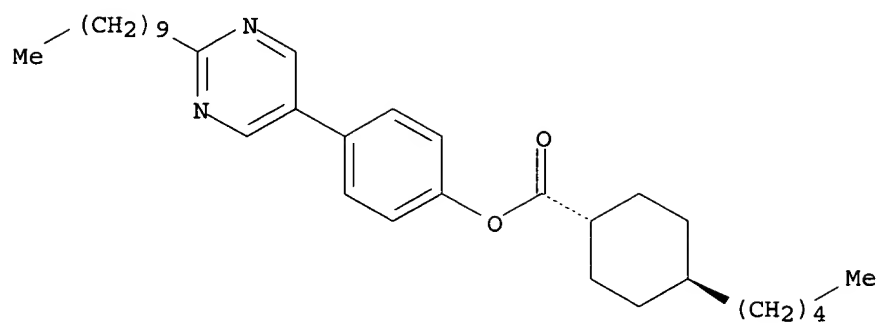
Absolute stereochemistry.



CM 2

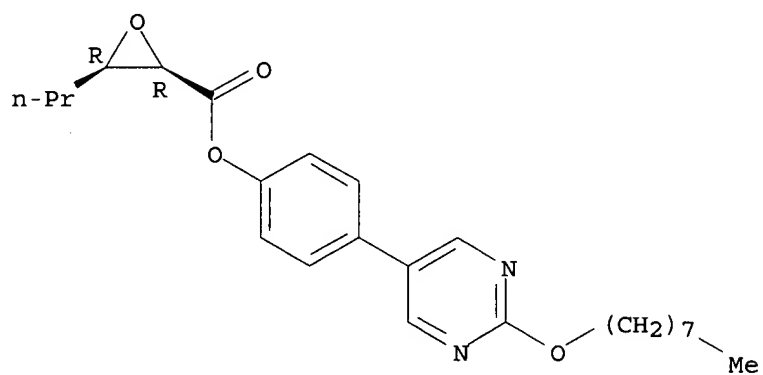
Relative stereochemistry.

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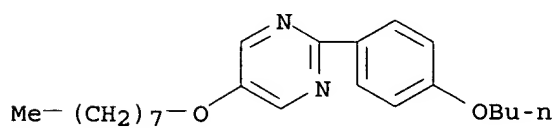


CM 3

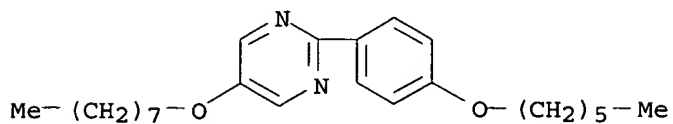
Absolute stereochemistry.



CM 4

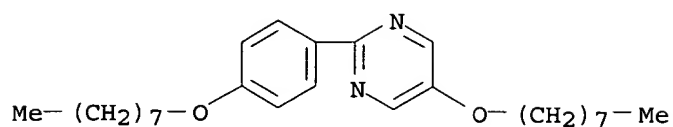


CM 5

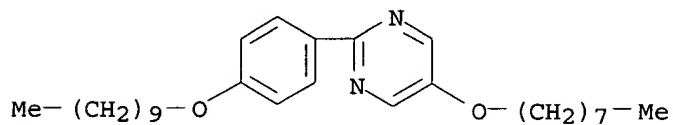


CM 6

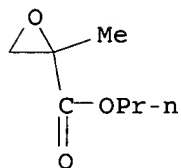
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CM 7



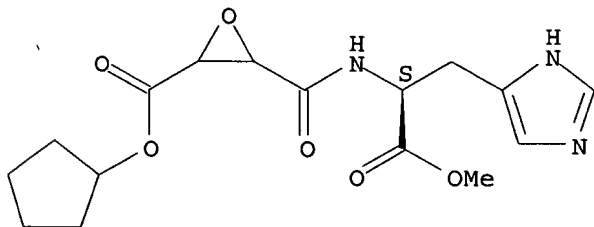
L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 2-methyl-, propyl ester (9CI)
MF C7 H12 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN L-Histidine, N-[[3-[(cyclopentyloxy)carbonyl]oxiranyl]carbonyl]-, methyl ester (9CI)
MF C16 H21 N3 O6

Absolute stereochemistry.



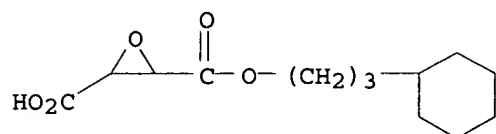
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium salt (9CI)

09/270,006

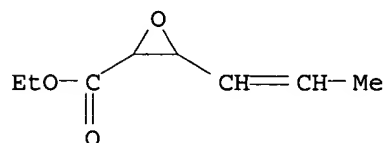
V. Balasubramanian

MF C13 H20 O5 . K



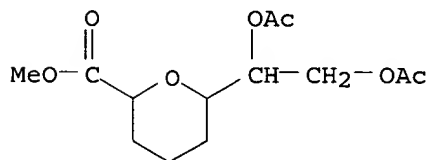
● K

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-(1-propenyl)-, ethyl ester (9CI)
MF C8 H12 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-lyxo-Octonic acid, 2,6-anhydro-3,4,5-trideoxy-, methyl ester, diacetate
(9CI)
MF C13 H20 O7

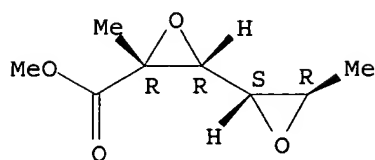


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Gulonic acid, 2,3:4,5-dianhydro-6-deoxy-2-C-methyl-, methyl ester (9CI)
MF C8 H12 O4

Relative stereochemistry.

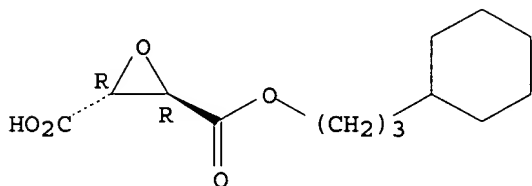
V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

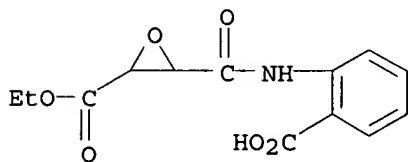
L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium
salt, trans- (9CI)
MF C13 H20 O5 . K

Relative stereochemistry.



● K

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-[[[(2-carboxyphenyl)amino]carbonyl]-, 2-ethyl
ester (9CI)
MF C13 H13 N O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y
COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION

09/270,006

V. Balasubramanian

FULL ESTIMATED COST

0.38

0.59

STN INTERNATIONAL LOGOFF AT 10:22:19 ON 29 DEC 2002

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
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NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
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NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT
NEWS 33 Nov 25 More calculated properties added to REGISTRY
NEWS 34 Dec 02 TIBKAT will be removed from STN
NEWS 35 Dec 04 CSA files on STN
NEWS 36 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 37 Dec 17 TOXCENTER enhanced with additional content
NEWS 38 Dec 17 Adis Clinical Trials Insight now available on STN

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items

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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:23:48 ON 29 DEC 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:23:55 ON 29 DEC 2002

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STRUCTURE FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

DICTIONARY FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\09270006RCE4.str

L1 STRUCTURE UPLOADED

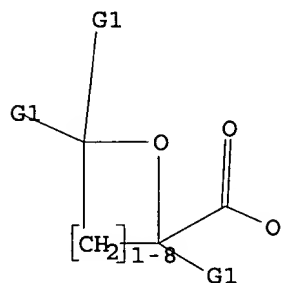
=> que L1

L2 QUE L1

09/270,006

V. Balasubramanian

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 Me,Et,OH,MeO,C,H

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 10:24:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 16610 TO ITERATE

6.0% PROCESSED 1000 ITERATIONS 3 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

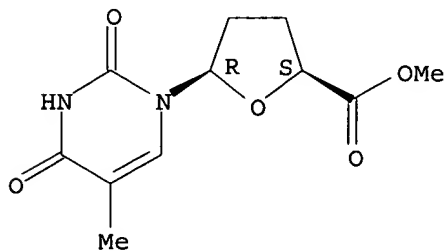
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 324496 TO 339904
PROJECTED ANSWERS: 573 TO 1419

L3 3 SEA SSS SAM L1

=> d scan

L3 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-
pyrimidinyl)tetrahydro-, methyl ester, (2S,5R)- (9CI)
MF C11 H14 N2 O5

Absolute stereochemistry.



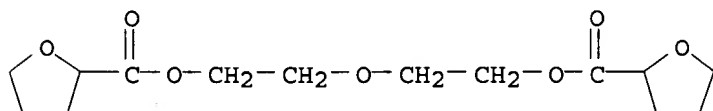
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

09/270,006

V. Balasubramanian

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L3 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, tetrahydro-, oxybis(methyl-2,1-ethanediyl) ester,
undecachloro deriv. (9CI)
MF C16 H15 Cl11 O7
CI IDS

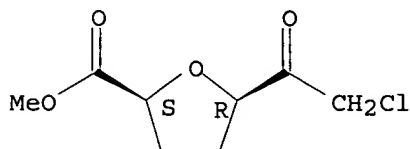


2 (D1-Me)

11 (D1-Cl)

L3 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(chloroacetyl)tetrahydro-, methyl ester,
(2S-cis)- (9CI)
MF C8 H11 Cl O4

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

0.38

TOTAL

SESSION

0.59

STN INTERNATIONAL LOGOFF AT 10:24:44 ON 29 DEC 2002

09/270,006

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
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NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
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NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
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NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT
NEWS 33 Nov 25 More calculated properties added to REGISTRY
NEWS 34 Dec 02 TIBKAT will be removed from STN
NEWS 35 Dec 04 CSA files on STN
NEWS 36 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 37 Dec 17 TOXCENTER enhanced with additional content
NEWS 38 Dec 17 Adis Clinical Trials Insight now available on STN

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items

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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:06:53 ON 29 DEC 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:07:01 ON 29 DEC 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2002 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

DICTIONARY FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\09270006RCE.str

L1 STRUCTURE UPLOADED

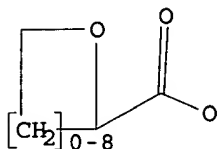
=> que L1

L2 QUE L1

09/270,006

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=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 10:07:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 19030 TO ITERATE

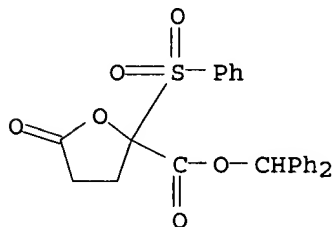
5.3% PROCESSED 1000 ITERATIONS 30 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 372358 TO 388842
PROJECTED ANSWERS: 9985 TO 12851

L3 30 SEA SSS SAM L1

=> d scan

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, tetrahydro-5-oxo-2-(phenylsulfonyl)-,
diphenylmethyl ester (9CI)
MF C24 H20 O6 S



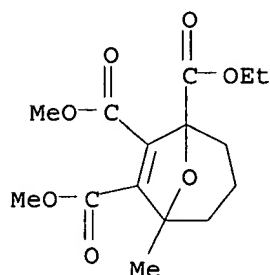
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):29

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 8-Oxabicyclo[3.2.1]oct-6-ene-1,6,7-tricarboxylic acid, 5-methyl-, 1-ethyl
6,7-dimethyl ester (9CI)
MF C15 H20 O7

09/270,006

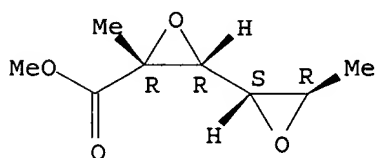
V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Gulonic acid, 2,3:4,5-dianhydro-6-deoxy-2-C-methyl-, methyl ester (9CI)
MF C8 H12 O4

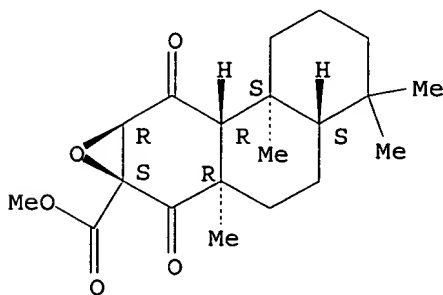
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Phenanthro[2,3-b]oxirene-7a(1H)-carboxylic acid, dodecahydro-4,4,6a,9b-tetramethyl-7,9-dioxo-, methyl ester, [4aS-(4a.alpha.,6a.beta.,7a.beta.,8a.beta.,9a.alpha.,9b.beta.)]- (9CI)
MF C20 H28 O5

Absolute stereochemistry.



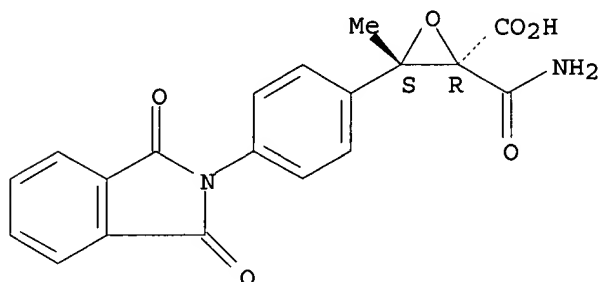
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

09/270,006

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L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 2-(aminocarbonyl)-3-[4-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)phenyl]-3-methyl-, monopotassium salt, cis- (9CI)
MF C19 H14 N2 O6 . K

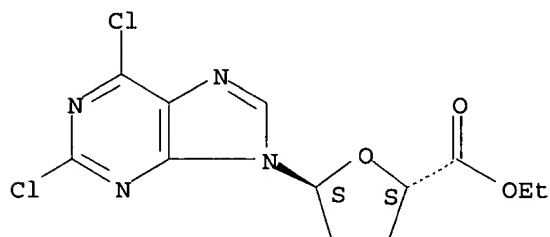
Relative stereochemistry.



● K

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(2,6-dichloro-9H-purin-9-yl)tetrahydro-, ethyl ester, (2S-trans)- (9CI)
MF C12 H12 Cl2 N4 O3

Absolute stereochemistry.

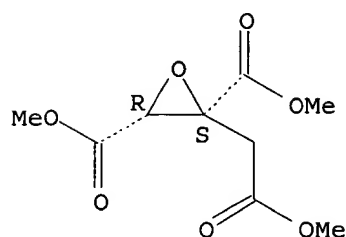


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, 2-(2-methoxy-2-oxoethyl)-, dimethyl ester, cis- (9CI)
MF C9 H12 O7

Relative stereochemistry.

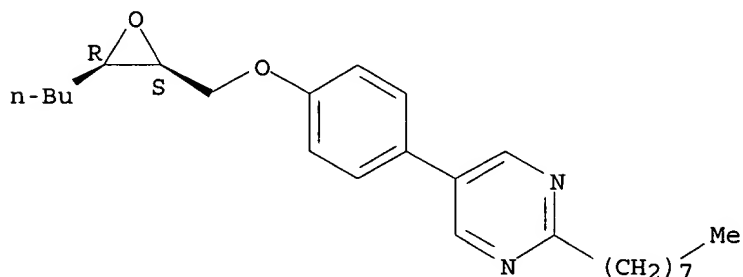
V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

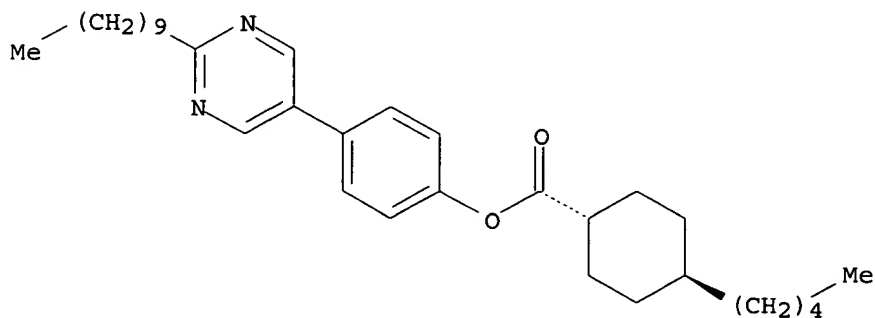
L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-propyl-, 4-[2-(octyloxy)-5-pyrimidinyl]phenyl
ester, (2R-cis)-, mixt. with 2-(4-butoxyphenyl)-5-(octyloxy)pyrimidine,
(2S-cis)-5-[4-[(3-butyloxiranyl)methoxy]phenyl]-2-octylpyrimidine,
2-[4-(decyloxy)phenyl]-5-(octyloxy)pyrimidine, trans-4-(2-decyl-5-
pyrimidinyl)phenyl 4-pentylcyclohexanecarboxylate, 2-[4-(hexyloxy)phenyl]-
5-(octyloxy)pyrimidine and 5-(octyloxy)-2-[4-(octyloxy)phenyl]pyrimidine
(9CI)
MF C32 H48 N2 O2 . C28 H44 N2 O2 . C26 H40 N2 O2 . C25 H36 N2 O2 . C24 H36 N2
O2 . C24 H32 N2 O4 . C22 H32 N2 O2
CI MXS
CM 1

Absolute stereochemistry.



CM 2

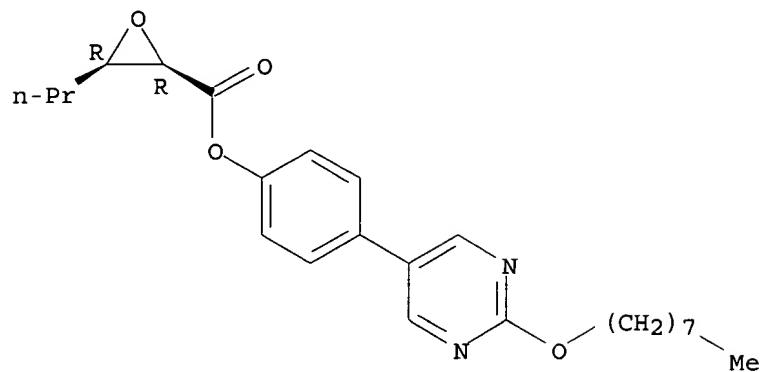
Relative stereochemistry.



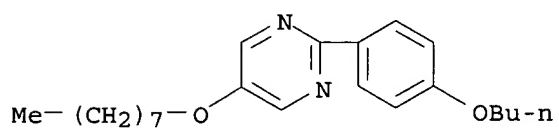
V. Balasubramanian

CM 3

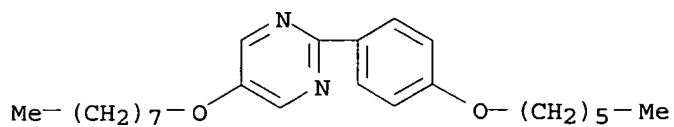
Absolute stereochemistry.



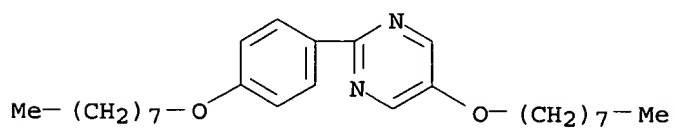
CM 4



CM 5

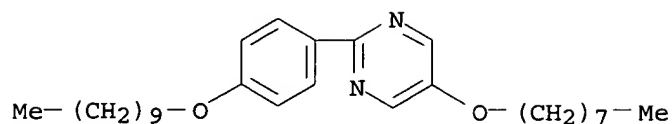


CM 6

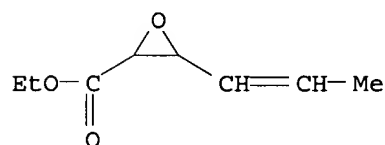


CM 7

V. Balasubramanian

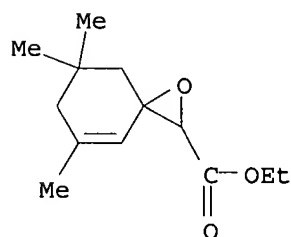


L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-(1-propenyl)-, ethyl ester (9CI)
MF C8 H12 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 1-Oxaspiro[2.5]oct-4-ene-2-carboxylic acid, 5,7,7-trimethyl-, ethyl ester (9CI)
MF C13 H20 O3

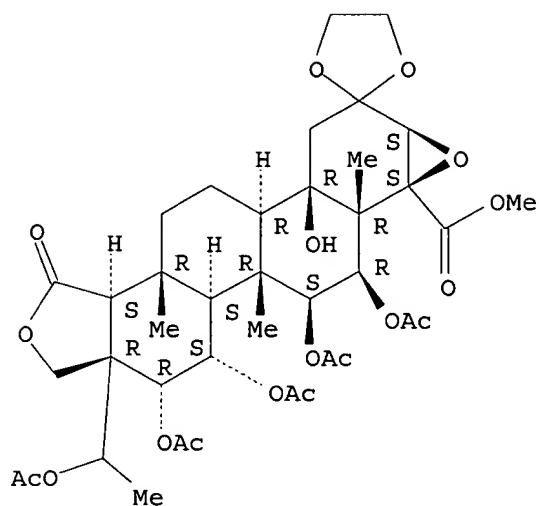


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Spiro[1,3-dioxolane-2,12'-(1'bH)-oxireno[7,8]chryseno[1,2-c]furan]-1'a(12'aH)-carboxylic acid, 2',3',4',5'-tetrakis(acetyloxy)-5'a-[1-(acetyloxy)ethyl]hexadecahydro-10'b-hydroxy-1'b,3'a,8'b-trimethyl-8'-oxo-, methyl ester, (1'aS,1'bR,2'R,3'S,3'aR,3'bS,4'S,5'R,5'aR,8'aS,8'bR,10'aR,10'bR,12'aS)- (9CI)
MF C39 H52 O18

Absolute stereochemistry.

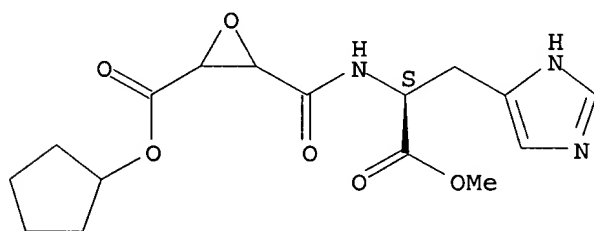
V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN L-Histidine, N-[[3-[(cyclopentyloxy)carbonyl]oxiranyl]carbonyl]-, methyl
ester (9CI)
MF C16 H21 N3 O6

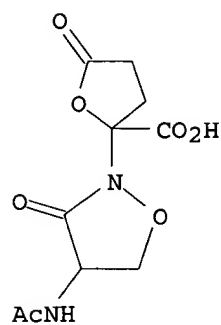
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

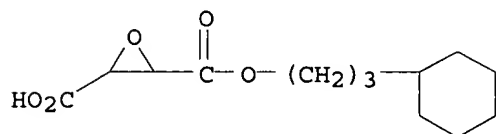
L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 2-[4-(acetylamino)-3-oxo-2-
isoxazolidinyl]tetrahydro-5-oxo-, monosodium salt (9CI)
MF C10 H12 N2 O7 . Na

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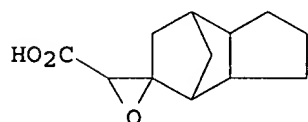
● Na

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium
salt (9CI)
MF C13 H20 O5 . K



● K

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Spiro[4,7-methano-5H-indene-5,2'-oxirane]-3'-carboxylic acid, octahydro-
(9CI)
MF C12 H16 O3

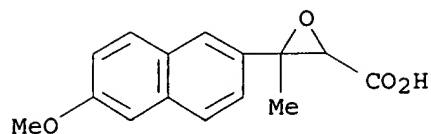


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-(6-methoxy-2-naphthalenyl)-3-methyl- (9CI)
MF C15 H14 O4

09/270,006

CI COM



L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 2-[4-[(chloroacetyl)amino]-3-oxo-2-
isoxazolidinyl]tetrahydro-5-oxo-, diphenylmethyl ester, [S-(R*,R*)]- (9CI)
MF C23 H21 Cl N2 O7

```
L3 30 ANSWERS  REGISTRY  COPYRIGHT 2002 ACS
IN Oxireno[7,8]chryseno[2,1-c]oxepin-1a(1bH)-carboxylic acid,
2,3,4,5-tetrakis(acetyloxy)-5a-[(1R)-1-[(2,6-dichlorobenzoyl)oxy]ethyl]-
2,3,3a,3b,4,5,5a,6,8,10a,10b,11,12,12a,12b,13,14,14a-octadecahydro-12b-
hydroxy-1b,3a,10b-trimethyl-14-methylene-, methyl ester,
(1aS,1bR,2R,3S,3aR,3bS,4S,5R,5aR,10aS,10bS,12aR,12bR,14aR)- (9CI)
MF C45 H54 Cl2 O15
```

09/270,006

The chemical structure is a complex polycyclic molecule, likely a steroid derivative. It features a multi-ring system with various functional groups and stereochemical labels. Key features include:

- A terminal CH_2 group at the top right.
- A ketone group ($\text{C}=\text{O}$) on the right side.
- A hydroxyl group (OH) on the right side.
- Acetoxy groups (OAc) at several positions.
- Methyl groups (Me) at several positions.
- Stereochemical labels R and S indicating the configuration of various chiral centers.
- A side chain on the left with a terminal double bond and an oxygen atom.

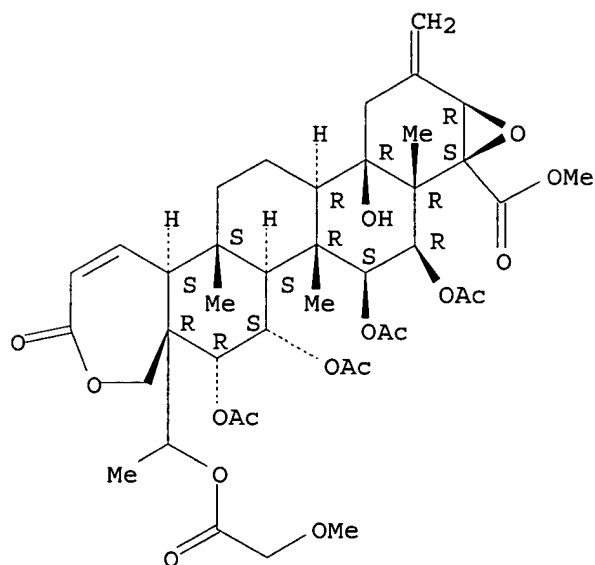
```
L3 30 ANSWERS  REGISTRY  COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium
   salt, trans- (9CI)
MF C13 H20 O5 . K
```

```
L3 30 ANSWERS      REGISTRY  COPYRIGHT 2002 ACS
IN Oxireno[7,8]chryseno[2,1-c]oxepin-1a(1bH)-carboxylic acid,
2,3,4,5-tetrakis(acetyloxy)-2,3,3a,3b,4,5,5a,6,8,10a,10b,11,12,12a,12b,13,
14,14a-octadecahydro-12b-hydroxy-5a-[1-[(methoxyacetyl)oxy]ethyl]-
1b,3a,10b-trimethyl-14-methylene-8-oxo-, methyl ester,
[1aS-(1a.alpha.,1b.beta.,2.beta.,3.beta.,3a.beta.,3b.alpha.,4.alpha.,5.alpha.,
5a.alpha.,10a.alpha.,10b.beta.,12a.alpha.,12b.beta.,14a.alpha.)]-
[partial]- (9CI)
MF C41 H54 O17
```

09/270,006

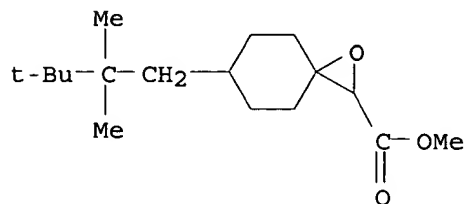
V. Balasubramanian

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

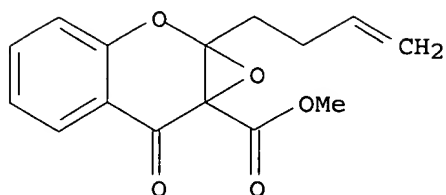
L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 1-Oxaspiro[2.5]octane-2-carboxylic acid, 6-(2,2,3,3-tetramethylbutyl)-,
methyl ester (9CI)
MF C17 H30 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 7H-Oxireno[b][1]benzopyran-7a(1aH)-carboxylic acid, 1a-(3-butenyl)-7-oxo-,
methyl ester (9CI)
MF C15 H14 O5

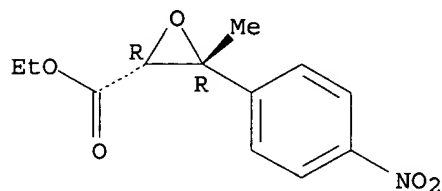
V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-methyl-3-(4-nitrophenyl)-, ethyl ester,
(2R,3R)-rel- (9CI)
MF C12 H13 N O5

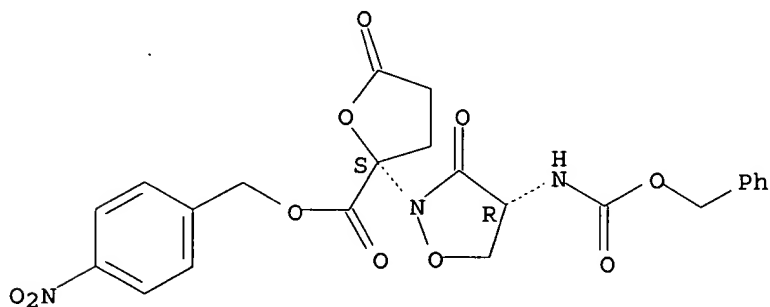
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, tetrahydro-5-oxo-2-[3-oxo-4-
[[(phenylmethoxy) carbonyl] amino]-2-isoxazolidinyl]-, (4-nitrophenyl)methyl
ester, [S-(R*,S*)]- (9CI)
MF C23 H21 N3 O10

Absolute stereochemistry.

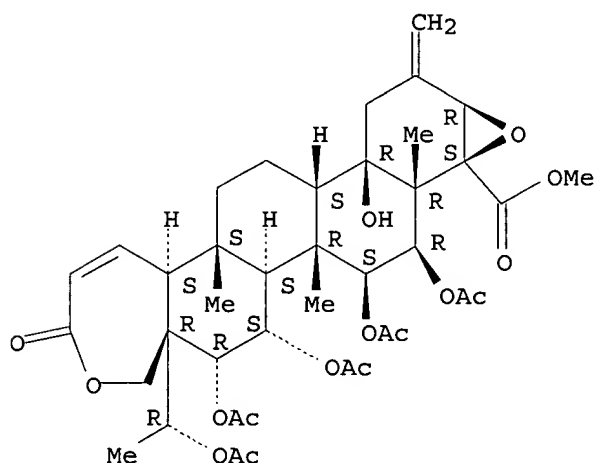


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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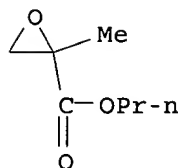
L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxireno[7,8]chryseno[2,1-c]oxepin-1a(1bH)-carboxylic acid,
2,3,4,5-tetrakis(acetyloxy)-5a-[(1R)-1-(acetyloxy)ethyl]-
2,3,3a,3b,4,5,5a,6,8,10a,10b,11,12,12a,12b,13,14,14a-octadecahydro-12b-
hydroxy-1b,3a,10b-trimethyl-14-methylene-8-oxo-, methyl ester,
(1aS,1bR,2R,3S,3aR,3bS,4S,5R,5aR,10aS,10bS,12aS,12bR,14aR) - (9CI)
MF C40 H52 O16

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 2-methyl-, propyl ester (9CI)
MF C7 H12 O3



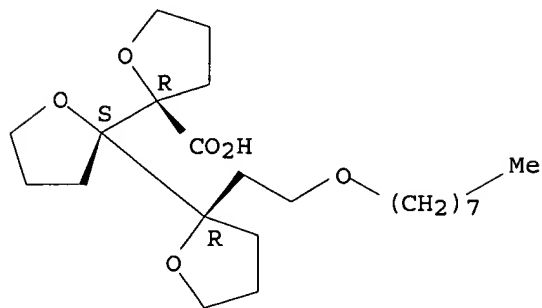
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN [2,2':2'(3'H),2''-Terfuran]-2(3H)-carboxylic acid, octahydro-2''-[2-(
octyloxy)ethyl]-, [2R*[S*(R*)]]-, compd. with 2,4,6-trinitrophenol sodium
salt (1:1) (9CI)
MF C23 H40 O6 . C6 H3 N3 O7 . Na

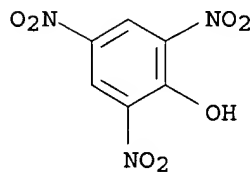
V. Balasubramanian

CM 1

Relative stereochemistry.

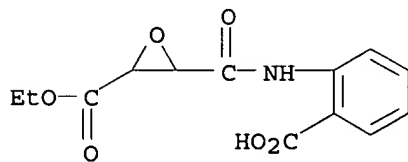


CM 2



● Na

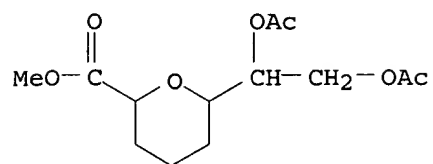
L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-[[2-carboxyphenyl)amino]carbonyl]-, 2-ethyl
ester (9CI)
MF C13 H13 N O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-lyxo-Octonic acid, 2,6-anhydro-3,4,5-trideoxy-, methyl ester, diacetate
(9CI)
MF C13 H20 O7

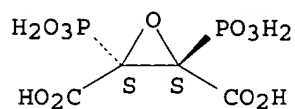
V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 30 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, 2,3-diphosphono-, trans- (9CI)
MF C4 H6 O11 P2
CI COM

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.76

0.97

STN INTERNATIONAL LOGOFF AT 10:08:02 ON 29 DEC 2002

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUIDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
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NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items

V. Balasubramanian

NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:45:49 ON 29 DEC 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:46:00 ON 29 DEC 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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STRUCTURE FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

DICTIONARY FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\09270006RCE6.str

L1 STRUCTURE UPLOADED

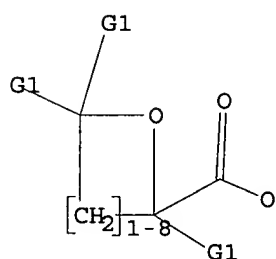
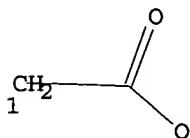
=> que L1

L2 QUE L1

09/270,006

V. Balasubramanian

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 H, Me, Et, OH, MeO, [@1]

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 10:46:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 16610 TO ITERATE

6.0% PROCESSED 1000 ITERATIONS 3 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 324496 TO 339904
PROJECTED ANSWERS: 573 TO 1419

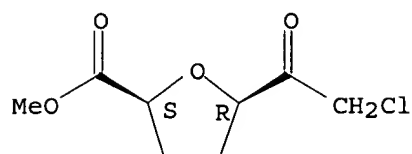
L3 3 SEA SSS SAM L1

=> d scan

L3 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(chloroacetyl)tetrahydro-, methyl ester,
(2S-cis)- (9CI)
MF C8 H11 Cl O4

Absolute stereochemistry.

V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

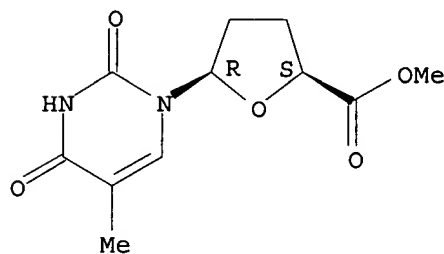
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L3 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN 2-Furancarboxylic acid, 5-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)tetrahydro-, methyl ester, (2S,5R)- (9CI)

MF C11 H14 N2 O5

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

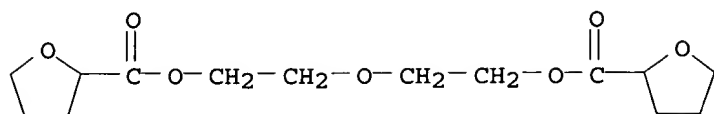
L3 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN 2-Furancarboxylic acid, tetrahydro-, oxybis(methyl-2,1-ethanediyl) ester, undecachloro deriv. (9CI)

MF C16 H15 Cl11 O7

CI IDS

V. Balasubramanian



2 (D1-Me)

11 (D1-Cl)

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

0.38

TOTAL

SESSION

0.59

STN INTERNATIONAL LOGOFF AT 10:46:46 ON 29 DEC 2002

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:17:09 ON 29 DEC 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:17:21 ON 29 DEC 2002

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DICTIONARY FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\09270006RCE10.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

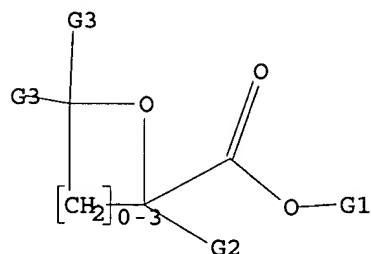
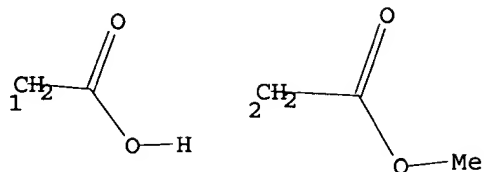
09/270,006

V. Balasubramanian

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H, Cy, Ak

G2 H, Me, [@1], [@2]

G3 Me, Ph, H

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 11:17:46 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 19030 TO ITERATE

5.3% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

11 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 372358 TO 388842
PROJECTED ANSWERS: 3318 TO 5054

L3 11 SEA SSS SAM L1

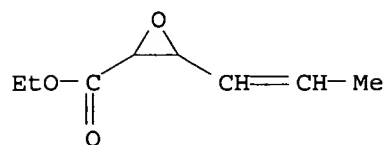
=> d scan

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN Oxiranecarboxylic acid, 3-(1-propenyl)-, ethyl ester (9CI)

MF C8 H12 O3

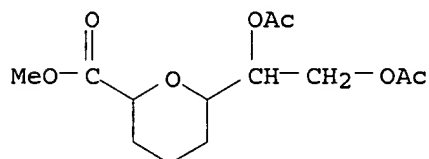
V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

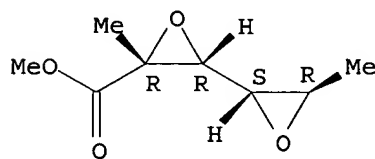
L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-lyxo-Octonic acid, 2,6-anhydro-3,4,5-trideoxy-, methyl ester, diacetate (9CI)
MF C13 H20 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Gulonic acid, 2,3:4,5-dianhydro-6-deoxy-2-C-methyl-, methyl ester (9CI)
MF C8 H12 O4

Relative stereochemistry.

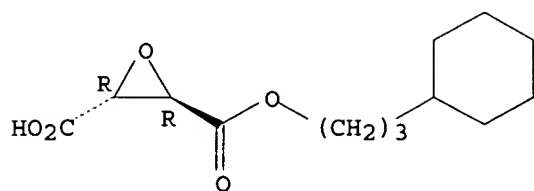


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium salt, trans- (9CI)
MF C13 H20 O5 . K

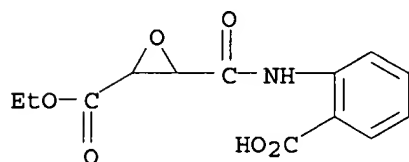
Relative stereochemistry.

V. Balasubramanian



● K

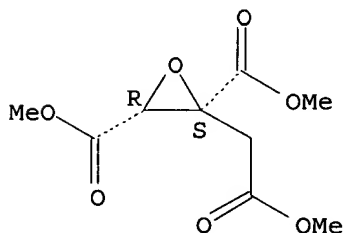
L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-[[[(2-carboxyphenyl)amino]carbonyl]-, 2-ethyl ester (9CI)
MF C13 H13 N O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, 2-(2-methoxy-2-oxoethyl)-, dimethyl ester, cis- (9CI)
MF C9 H12 O7

Relative stereochemistry.

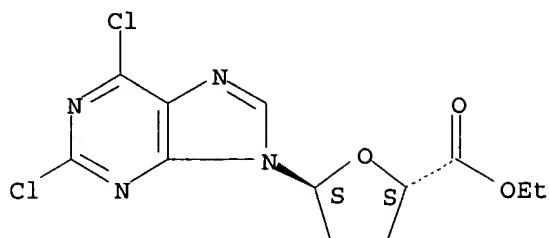


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(2,6-dichloro-9H-purin-9-yl)tetrahydro-, ethyl ester, (2S-trans)- (9CI)
MF C12 H12 Cl2 N4 O3

Absolute stereochemistry.

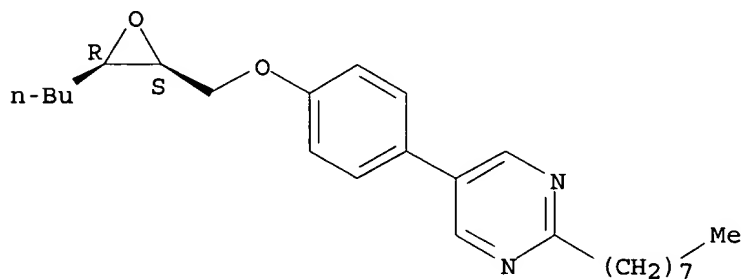
V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-propyl-, 4-[2-(octyloxy)-5-pyrimidinyl]phenyl
ester, (2R-cis)-, mixt. with 2-(4-butoxyphenyl)-5-(octyloxy)pyrimidine,
(2S-cis)-5-[4-[(3-butyloxiranyl)methoxy]phenyl]-2-octylpyrimidine,
2-[4-(decyloxy)phenyl]-5-(octyloxy)pyrimidine, trans-4-(2-decyl-5-
pyrimidinyl)phenyl 4-pentylcyclohexanecarboxylate, 2-[4-(hexyloxy)phenyl]-
5-(octyloxy)pyrimidine and 5-(octyloxy)-2-[4-(octyloxy)phenyl]pyrimidine
(9CI)
MF C32 H48 N2 O2 . C28 H44 N2 O2 . C26 H40 N2 O2 . C25 H36 N2 O2 . C24 H36 N2
O2 . C24 H32 N2 O4 . C22 H32 N2 O2
CI MXS
CM 1

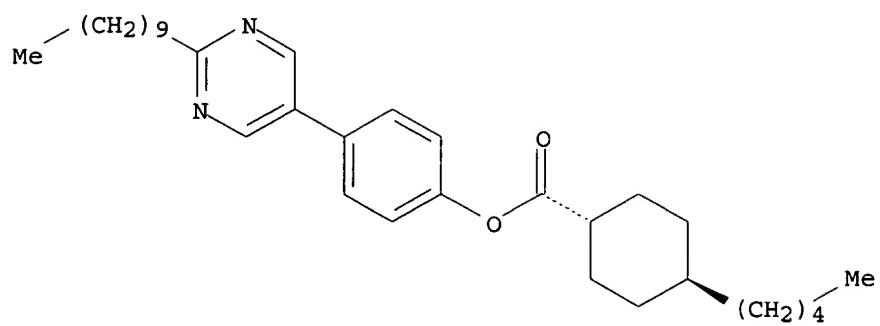
Absolute stereochemistry.



CM 2

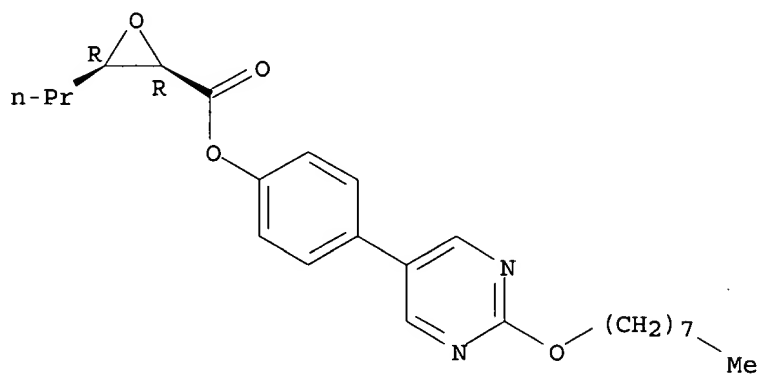
Relative stereochemistry.

V. Balasubramanian

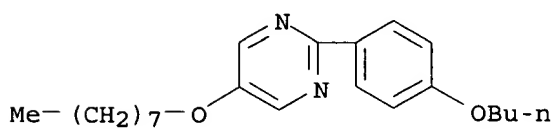


CM 3

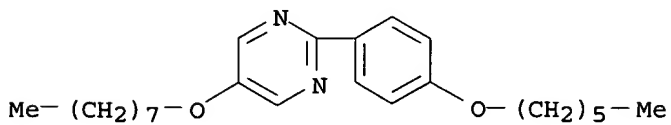
Absolute stereochemistry.



CM 4

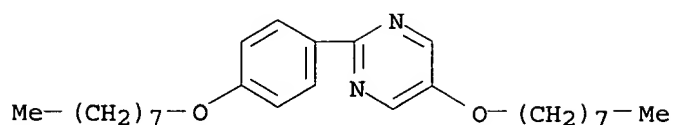


CM 5

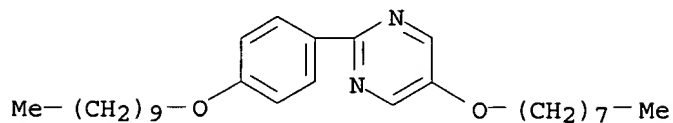


CM 6

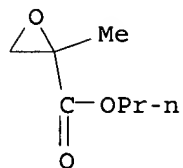
V. Balasubramanian



CM 7



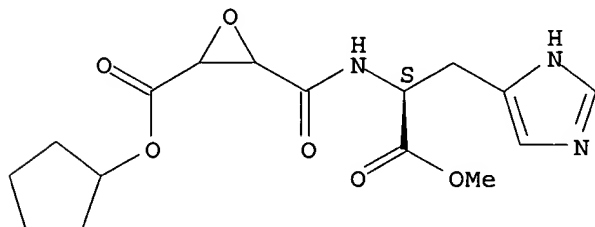
L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 2-methyl-, propyl ester (9CI)
MF C7 H12 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN L-Histidine, N-[[3-[(cyclopentyloxy)carbonyl]oxiranyl]carbonyl]-, methyl ester (9CI)
MF C16 H21 N3 O6

Absolute stereochemistry.



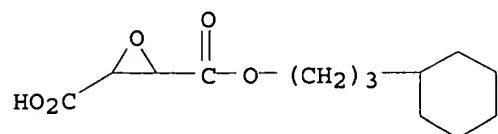
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium salt (9CI)

09/270,006

V. Balasubramanian

MF C13 H20 O5 . K



● K

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

0.38

TOTAL

SESSION

0.59

STN INTERNATIONAL LOGOFF AT 11:18:14 ON 29 DEC 2002

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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FILE 'HOME' ENTERED AT 11:17:09 ON 29 DEC 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:17:21 ON 29 DEC 2002

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=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\09270006RCE10.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

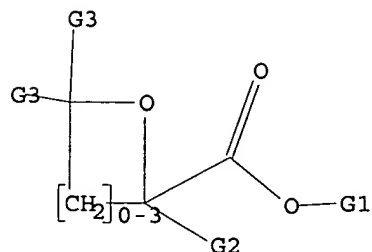
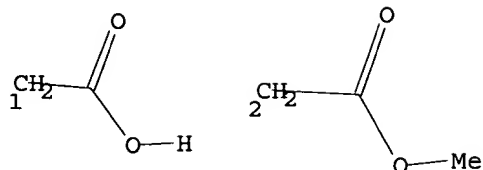
09/270,006

V. Balasubramanian

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H, Cy, Ak

G2 H, Me, [@1], [@2]

G3 Me, Ph, H

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 11:17:46 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 19030 TO ITERATE

5.3% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

11 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 372358 TO 388842
PROJECTED ANSWERS: 3318 TO 5054

L3 11 SEA SSS SAM L1

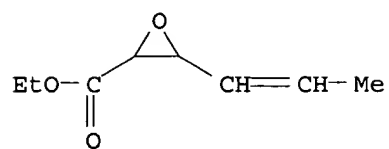
=> d scan

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN Oxiranecarboxylic acid, 3-(1-propenyl)-, ethyl ester (9CI)

MF C8 H12 O3

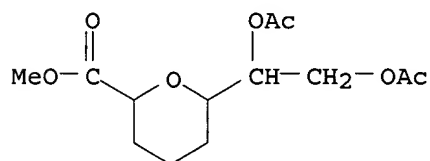
V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

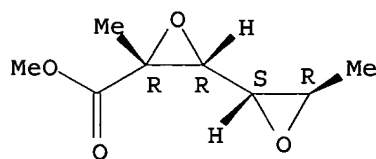
L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-lyxo-Octonic acid, 2,6-anhydro-3,4,5-trideoxy-, methyl ester, diacetate (9CI)
MF C13 H20 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Gulonic acid, 2,3:4,5-dianhydro-6-deoxy-2-C-methyl-, methyl ester (9CI)
MF C8 H12 O4

Relative stereochemistry.

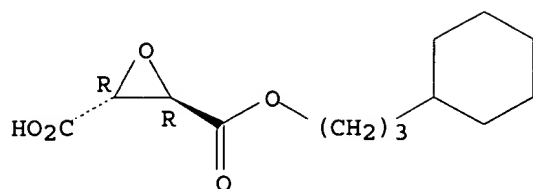


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium salt, trans- (9CI)
MF C13 H20 O5 . K

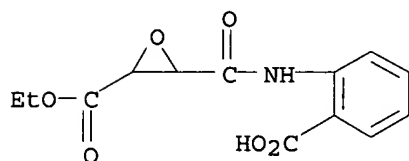
Relative stereochemistry.

V. Balasubramanian



● K

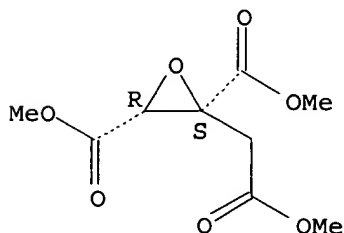
L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-[[[(2-carboxyphenyl)amino]carbonyl]-, 2-ethyl ester (9CI)
MF C13 H13 N O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, 2-(2-methoxy-2-oxoethyl)-, dimethyl ester, cis- (9CI)
MF C9 H12 O7

Relative stereochemistry.

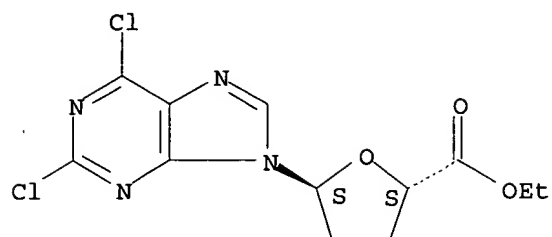


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(2,6-dichloro-9H-purin-9-yl)tetrahydro-, ethyl ester, (2S-trans)- (9CI)
MF C12 H12 Cl2 N4 O3

Absolute stereochemistry.

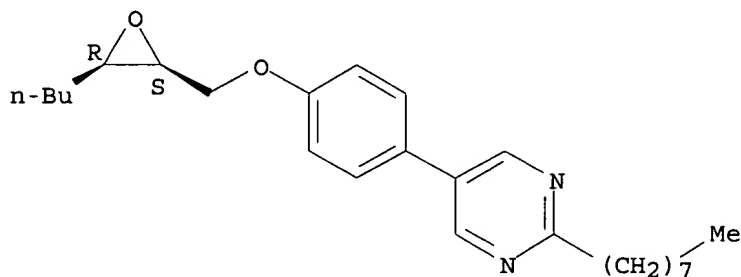
V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-propyl-, 4-[2-(octyloxy)-5-pyrimidinyl]phenyl
ester, (2R-cis)-, mixt. with 2-(4-butoxyphenyl)-5-(octyloxy)pyrimidine,
(2S-cis)-5-[4-[(3-butyloxiranyl)methoxy]phenyl]-2-octylpyrimidine,
2-[4-(decyloxy)phenyl]-5-(octyloxy)pyrimidine, trans-4-(2-decyl-5-
pyrimidinyl)phenyl 4-pentylcyclohexanecarboxylate, 2-[4-(hexyloxy)phenyl]-
5-(octyloxy)pyrimidine and 5-(octyloxy)-2-[4-(octyloxy)phenyl]pyrimidine
(9CI)
MF C32 H48 N2 O2 . C28 H44 N2 O2 . C26 H40 N2 O2 . C25 H36 N2 O2 . C24 H36 N2
O2 . C24 H32 N2 O4 . C22 H32 N2 O2
CI MXS
CM 1

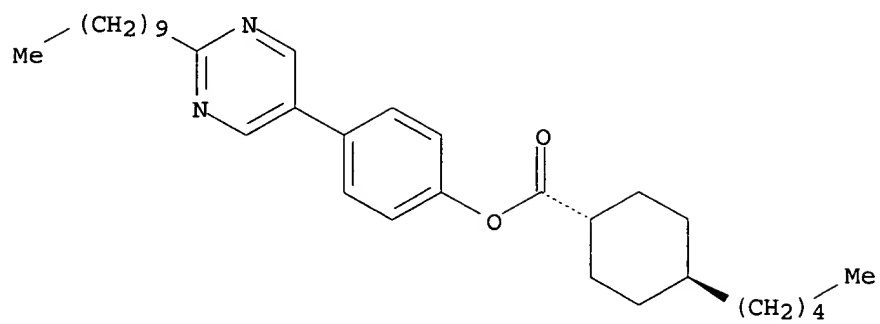
Absolute stereochemistry.



CM 2

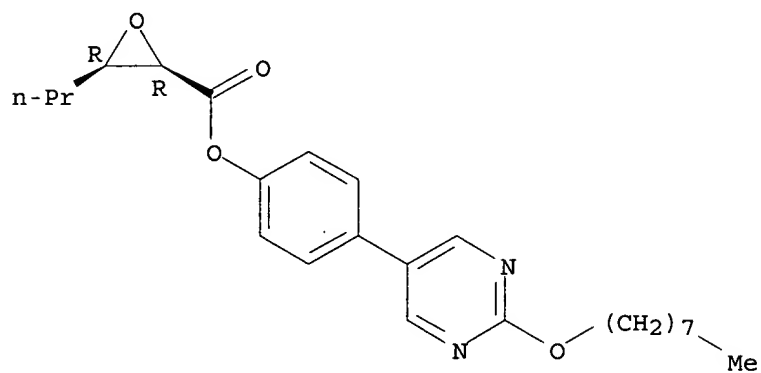
Relative stereochemistry.

V. Balasubramanian

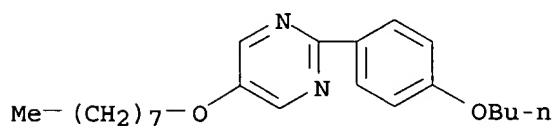


CM 3

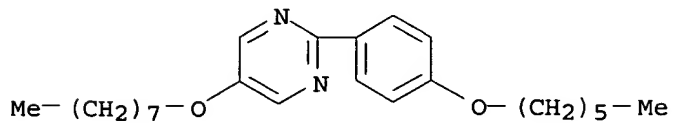
Absolute stereochemistry.



CM 4

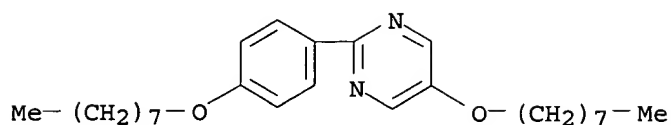


CM 5

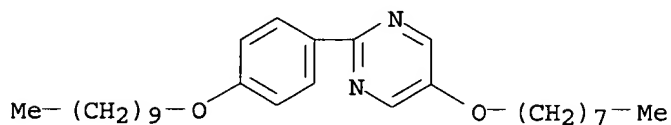


CM 6

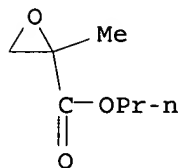
V. Balasubramanian



CM 7



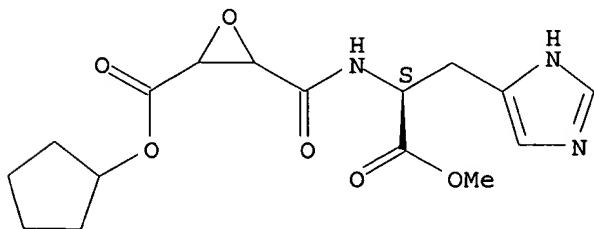
L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 2-methyl-, propyl ester (9CI)
MF C7 H12 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN L-Histidine, N-[[3-[(cyclopentyloxy)carbonyl]oxiranyl]carbonyl]-, methyl ester (9CI)
MF C16 H21 N3 O6

Absolute stereochemistry.



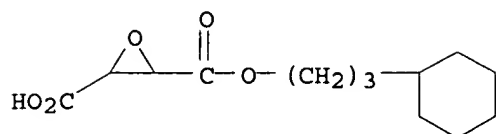
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium salt (9CI)

09/270,006

V. Balasubramanian

MF C13 H20 O5 . K



● K

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.38

0.59

STN INTERNATIONAL LOGOFF AT 11:18:14 ON 29 DEC 2002

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced

09/270,006

V. Balasubramanian

NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT
NEWS 33 Nov 25 More calculated properties added to REGISTRY
NEWS 34 Dec 02 TIBKAT will be removed from STN
NEWS 35 Dec 04 CSA files on STN
NEWS 36 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 37 Dec 17 TOXCENTER enhanced with additional content
NEWS 38 Dec 17 Adis Clinical Trials Insight now available on STN

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:28:28 ON 29 DEC 2002

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:28:39 ON 29 DEC 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

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STRUCTURE FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8
DICTIONARY FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\STNEXP4\QUERIES\09270006rce10.str

L1 STRUCTURE UPLOADED

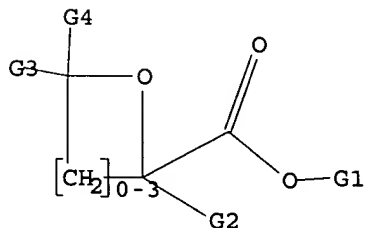
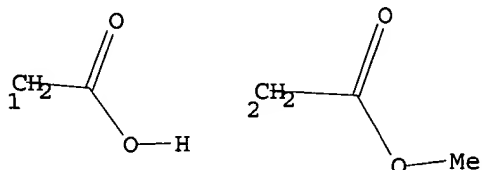
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H, Ak

G2 H, Me, [1], [2]

G3 Me, Ph, H

G4 H, Me

Structure attributes must be viewed using STN Express query preparation.

09/270,006

V. Balasubramanian

=> s l1 sss sam

SAMPLE SEARCH INITIATED 11:29:04 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 19030 TO ITERATE

5.3% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

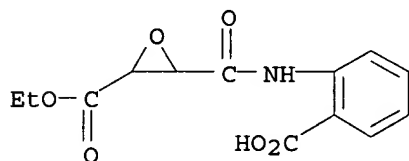
9 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 372358 TO 388842
PROJECTED ANSWERS: 2640 TO 4210

L3 9 SEA SSS SAM L1

=> d scan

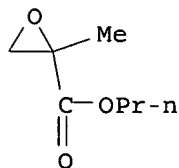
L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-[[[(2-carboxyphenyl)amino]carbonyl]-, 2-ethyl
ester (9CI)
MF C13 H13 N O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):8

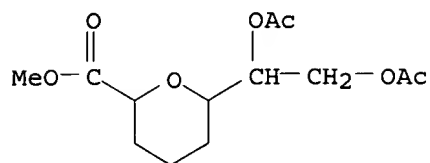
L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 2-methyl-, propyl ester (9CI)
MF C7 H12 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

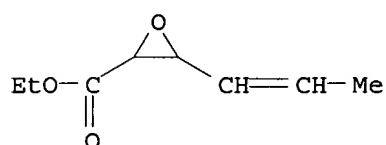
L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-lyxo-Octonic acid, 2,6-anhydro-3,4,5-trideoxy-, methyl ester, diacetate
(9CI)
MF C13 H20 O7

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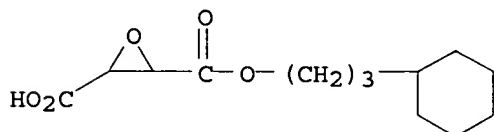
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-(1-propenyl)-, ethyl ester (9CI)
MF C8 H12 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium
salt (9CI)
MF C13 H20 O5 . K

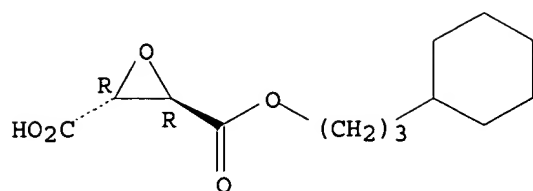


● K

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium
salt, trans- (9CI)
MF C13 H20 O5 . K

Relative stereochemistry.

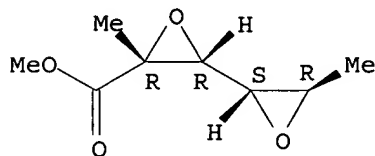
V. Balasubramanian



● K

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Gulonic acid, 2,3:4,5-dianhydro-6-deoxy-2-C-methyl-, methyl ester (9CI)
MF C8 H12 O4

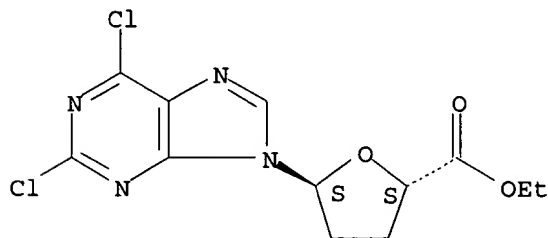
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(2,6-dichloro-9H-purin-9-yl)tetrahydro-, ethyl
ester, (2S-trans)- (9CI)
MF C12 H12 Cl2 N4 O3

Absolute stereochemistry.

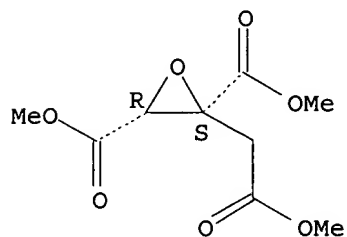


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, 2-(2-methoxy-2-oxoethyl)-, dimethyl ester,
cis- (9CI)
MF C9 H12 O7

V. Balasubramanian

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

0.38

TOTAL

SESSION

0.59

STN INTERNATIONAL LOGOFF AT 11:29:28 ON 29 DEC 2002

V. Balasubramanian

Un Successful

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIADB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIADB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT
NEWS 33 Nov 25 More calculated properties added to REGISTRY
NEWS 34 Dec 02 TIBKAT will be removed from STN
NEWS 35 Dec 04 CSA files on STN
NEWS 36 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 37 Dec 17 TOXCENTER enhanced with additional content
NEWS 38 Dec 17 Adis Clinical Trials Insight now available on STN

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items

V. Balasubramanian

NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:03:37 ON 29 DEC 2002

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:03:48 ON 29 DEC 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8
DICTIONARY FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\STNEXP4\QUERIES\09270006rce8.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

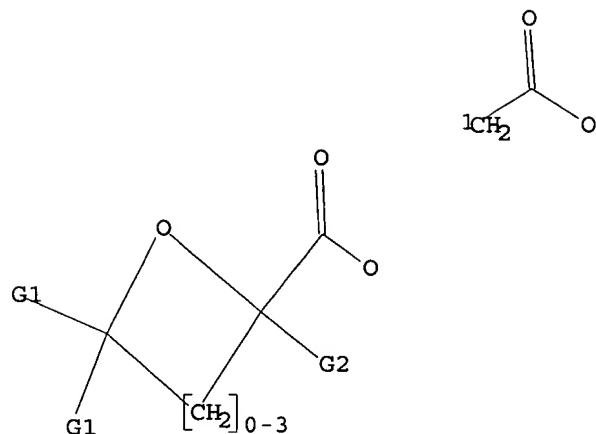
09/270,006

V. Balasubramanian

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H, Ak, OH, MeO

G2 H, OH, MeO, Ak, [@1]

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 11:04:11 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 19030 TO ITERATE

5.3% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

11 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 372358 TO 388842
PROJECTED ANSWERS: 3318 TO 5054

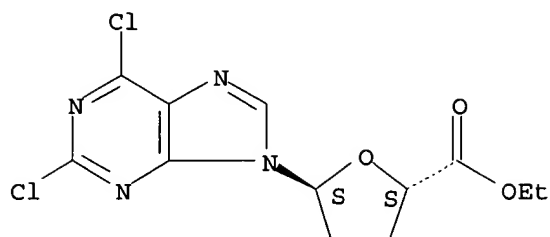
L3 11 SEA SSS SAM L1

=> d scan

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(2,6-dichloro-9H-purin-9-yl)tetrahydro-, ethyl
ester, (2S-trans)- (9CI)
MF C12 H12 Cl2 N4 O3

Absolute stereochemistry.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS

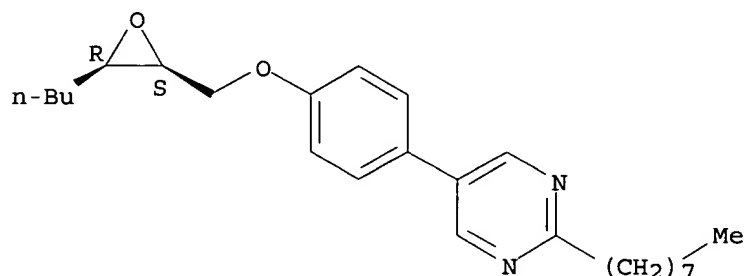
IN Oxiranecarboxylic acid, 3-propyl-, 4-[2-(octyloxy)-5-pyrimidinyl]phenyl ester, (2R-cis)-, mixt. with 2-(4-butoxyphenyl)-5-(octyloxy)pyrimidine, (2S-cis)-5-[4-[(3-butyloxiranyl)methoxy]phenyl]-2-octylpyrimidine, 2-[4-(decyloxy)phenyl]-5-(octyloxy)pyrimidine, trans-4-(2-decyl-5-pyrimidinyl)phenyl 4-pentylcyclohexanecarboxylate, 2-[4-(hexyloxy)phenyl]-5-(octyloxy)pyrimidine and 5-(octyloxy)-2-[4-(octyloxy)phenyl]pyrimidine (9CI)

MF C32 H48 N2 O2 . C28 H44 N2 O2 . C26 H40 N2 O2 . C25 H36 N2 O2 . C24 H36 N2 O2 . C24 H32 N2 O4 . C22 H32 N2 O2

CI MXS

CM 1

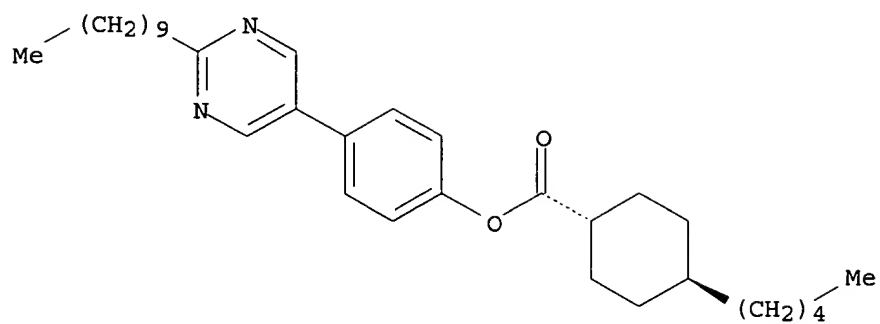
Absolute stereochemistry.



CM 2

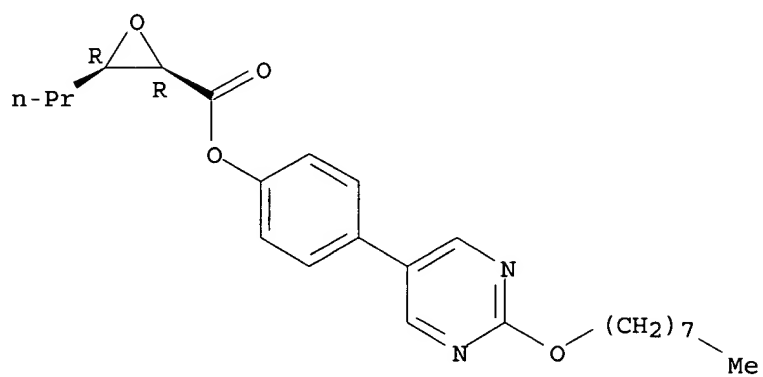
Relative stereochemistry.

V. Balasubramanian

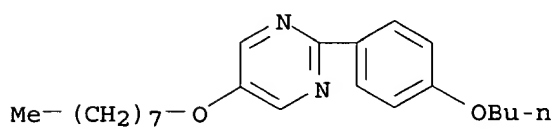


CM 3

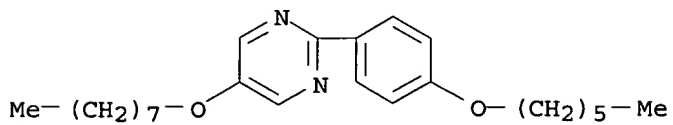
Absolute stereochemistry.



CM 4

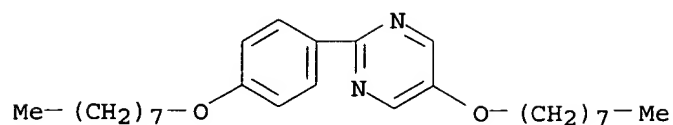


CM 5

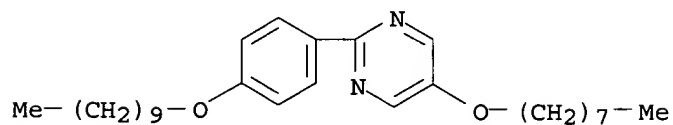


CM 6

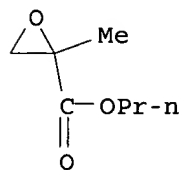
V. Balasubramanian



CM 7



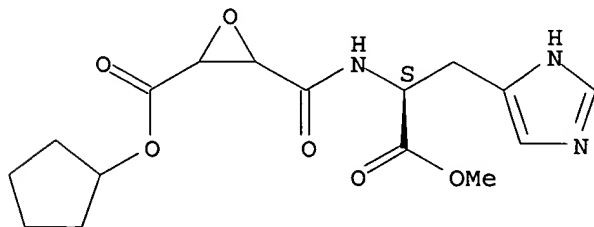
L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 2-methyl-, propyl ester (9CI)
MF C7 H12 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN L-Histidine, N-[[3-[(cyclopentyloxy)carbonyl]oxiranyl]carbonyl]-, methyl ester (9CI)
MF C16 H21 N3 O6

Absolute stereochemistry.



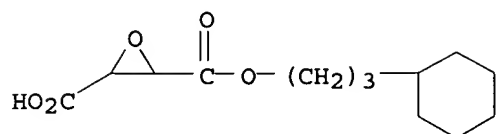
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium salt (9CI)

09/270,006

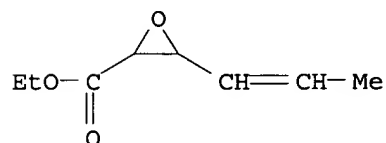
V. Balasubramanian

MF C13 H20 O5 . K



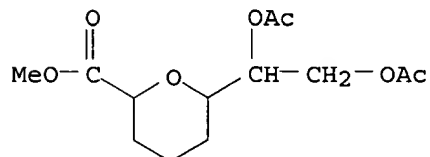
● K

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-(1-propenyl)-, ethyl ester (9CI)
MF C8 H12 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-lyxo-Octonic acid, 2,6-anhydro-3,4,5-trideoxy-, methyl ester, diacetate
(9CI)
MF C13 H20 O7

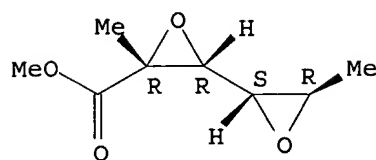


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Gulonic acid, 2,3:4,5-dianhydro-6-deoxy-2-C-methyl-, methyl ester (9CI)
MF C8 H12 O4

Relative stereochemistry.

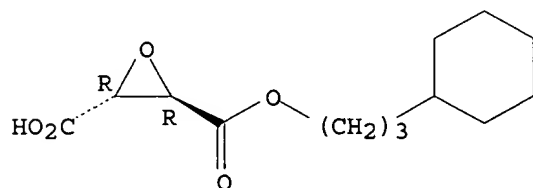
V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

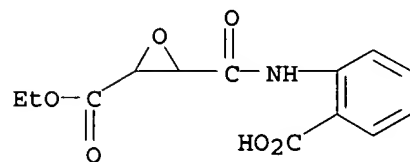
L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, mono(3-cyclohexylpropyl) ester, potassium
salt, trans- (9CI)
MF C13 H20 O5 . K

Relative stereochemistry.



● K

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Oxiranecarboxylic acid, 3-[[2-carboxyphenyl)amino]carbonyl]-, 2-ethyl
ester (9CI)
MF C13 H13 N O6



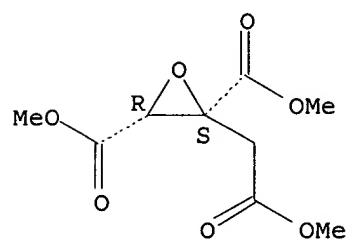
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 11 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2,3-Oxiranedicarboxylic acid, 2-(2-methoxy-2-oxoethyl)-, dimethyl ester,
cis- (9CI)
MF C9 H12 O7

Relative stereochemistry.

09/270,006

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

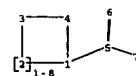
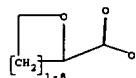
SESSION

FULL ESTIMATED COST

0.38

0.59

STN INTERNATIONAL LOGOFF AT 11:04:35 ON 29 DEC 2002



chain nodes :

5 6 7

ring nodes :

1 2 3 4

chain bonds :

1-5 5-6 5-7

ring bonds :

1-2 1-4 2-3 3-4

exact/norm bonds :

1-2 1-4 2-3 3-4 5-6 5-7

exact bonds :

1-5

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:CLASS 6:CLASS 7:CLASS

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Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUIDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUIDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	28	Oct 21	EVENTLINE has been reloaded
NEWS	29	Oct 24	BEILSTEIN adds new search fields
NEWS	30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	32	Nov 18	DKILIT has been renamed APOLLIT
NEWS	33	Nov 25	More calculated properties added to REGISTRY
NEWS	34	Dec 02	TIBKAT will be removed from STN
NEWS	35	Dec 04	CSA files on STN
NEWS	36	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	37	Dec 17	TOXCENTER enhanced with additional content
NEWS	38	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS EXPRESS			October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items

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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:14:23 ON 29 DEC 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:14:31 ON 29 DEC 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

DICTIONARY FILE UPDATES: 27 DEC 2002 HIGHEST RN 477760-30-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\09270006RCE2.str

L1 STRUCTURE UPLOADED

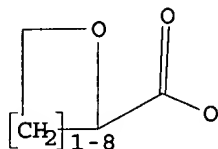
=> que L1

L2 QUE L1

09/270,006

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=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 10:14:50 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 16610 TO ITERATE

6.0% PROCESSED 1000 ITERATIONS 9 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

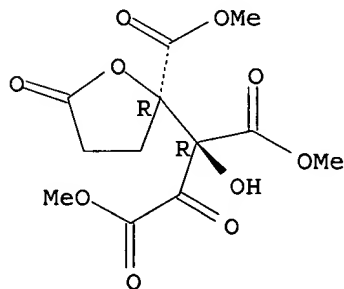
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 324496 TO 339904
PROJECTED ANSWERS: 2256 TO 3722

L3 9 SEA SSS SAM L1

=> d scan

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN D-threo-Hexaric acid, 2,3-dideoxy-4-C-(methoxycarbonyl)-5-C-(methoxyoxoacetyl)-, 1,4-lactone, 6-methyl ester (9CI)
MF C12 H14 O10

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):8

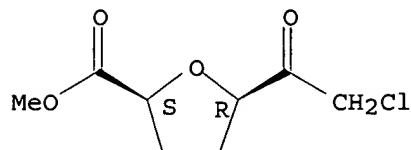
L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(chloroacetyl)tetrahydro-, methyl ester,

09/270,006

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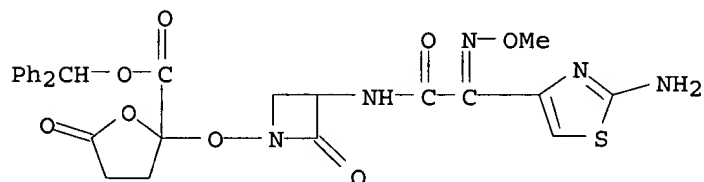
(2S-cis)- (9CI)
MF C8 H11 Cl O4

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 2-[[3-[[[(2-amino-4-thiazolyl)(methoxyimino)acetyl]
amino]-2-oxo-1-azetidinyl]oxy]tetrahydro-5-oxo-, diphenylmethyl ester
(9CI)
MF C27 H25 N5 O8 S

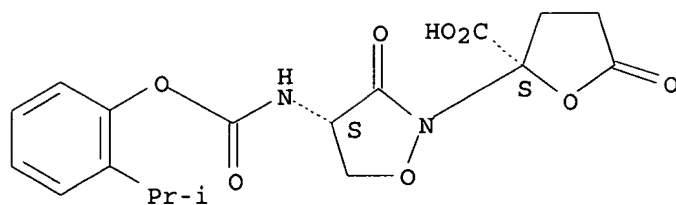


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, tetrahydro-2-[4-[[[2-(1-methylethyl)phenoxy]carbonyl]amino]-3-oxo-2-isoxazolidinyl]-5-oxo-,
monosodium salt, [S-(R*,R*)]- (9CI)
MF C18 H20 N2 O8 . Na

Absolute stereochemistry.

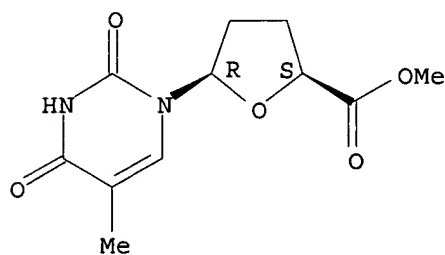
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● Na

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, 5-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-
pyrimidinyl)tetrahydro-, methyl ester, (2S,5R) - (9CI)
MF C11 H14 N2 O5

Absolute stereochemistry.

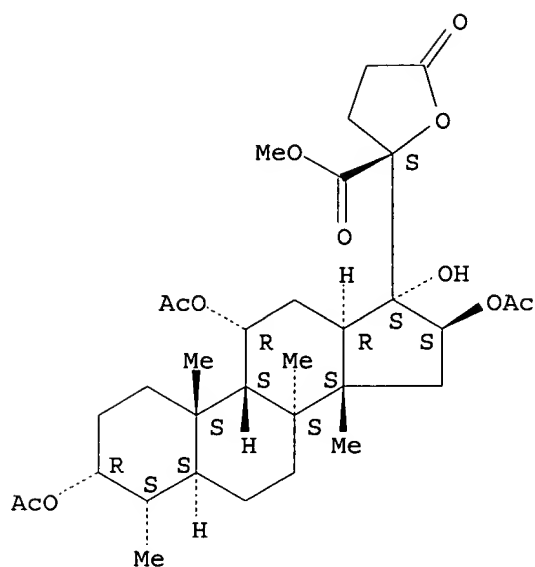


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 18-Norcholane-21,24-dioic acid, 3,11,16-tris(acetyloxy)-17,20-dihydroxy-
4,8,14-trimethyl-, .gamma.-lactone, methyl ester,
(3.alpha.,4.alpha.,5.alpha.,8.alpha.,9.beta.,11.alpha.,13.alpha.,14.beta.,
16.beta.) - (9CI)
MF C33 H48 O11

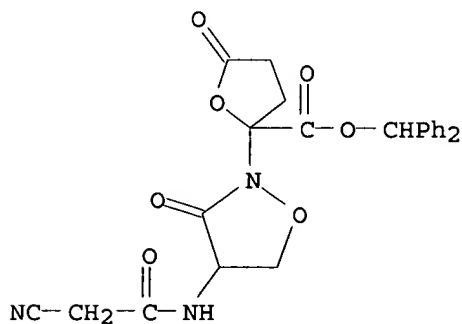
Absolute stereochemistry.

V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 2-Furancarboxylic acid, 2-[4-[(cyanoacetyl)amino]-3-oxo-2-isoxazolidinyl]tetrahydro-5-oxo-, diphenylmethyl ester (9CI)
 MF C24 H21 N3 O7

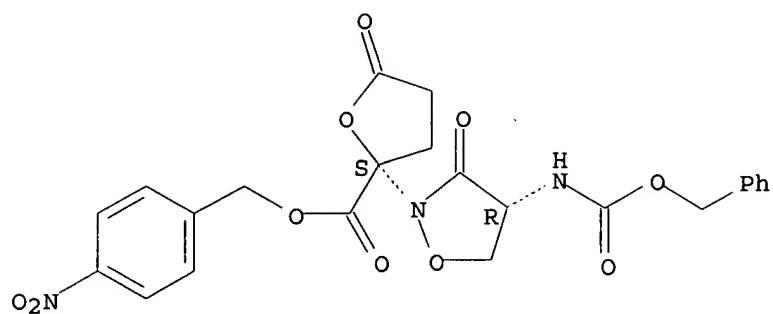


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 2-Furancarboxylic acid, tetrahydro-5-oxo-2-[3-oxo-4-[[(phenylmethoxy)carbonyl]amino]-2-isoxazolidinyl]-, (4-nitrophenyl)methyl ester, [S-(R*,S*)]- (9CI)
 MF C23 H21 N3 O10

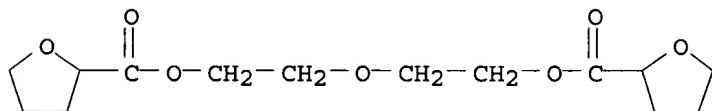
Absolute stereochemistry.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Furancarboxylic acid, tetrahydro-, oxybis(methyl-2,1-ethanediyl) ester,
undecachloro deriv. (9CI)
MF C16 H15 Cl11 O7
CI IDS



2 (D1-Me)

11 (D1-Cl)

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

0.38

TOTAL

SESSION

0.59

STN INTERNATIONAL LOGOFF AT 10:15:14 ON 29 DEC 2002